

This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

+ *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.

+ *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.

+ *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.

+ *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at `http://books.google.com/`

B 49774 4

HEALTH OFFICER'S

ANNUAL REPORT.

PHILADELPHIA

1879.

Digitized by Google

8 v. Anat,
Given by City of Phil.

Anat.

Class *Book*

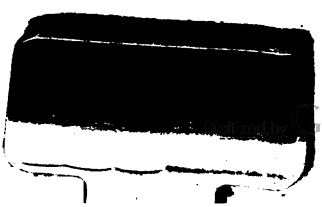
University of Chicago Library

GIVEN BY

City of Philadelphia

Besides the main topic this book also treats of

Subject No.	*On page*	*Subject No.*	*On page*



Digitized by Google

614.0979
P4
P5hr

Digitized by Google

Digitized by Google

Digitized by Google

Digitized by Google

HEALTH OFFICER'S

ANNUAL REPORT

OF

BIRTHS, MARRIAGES AND DEATHS,

FOR

CITY OF PHILADELPHIA,

Health Office. Registration dept.

1879.

Philadelphia:
E. C. MARKLEY & SON, PRINTERS, No. 422 LIBRARY STREET.
1880.

Dup. U. of C.
Oh.

Digitized by Google

THE UNIVERSITY OF CHICAGO LIBRARY

HA730
.P5A3
cop. 2

Digitized by Google

UNIVERSITY OF CHICAGO
LIBRARIES
266892
MARCH 1930

158549

CONTENTS.

	PAGE
Annual Report of Health Officer	1
Ratio of deaths, population, etc., for 19 years	2
Mean temperature, summer months	2
Summary of deaths from diphtheria and scarlet fever for past 12 years	3
BIRTHS	4
Births registered during the year	4
" in each month, sex, color, twins, etc.	4
" " quarter	4
" " ward	5
MARRIAGES	5
Marriages registered during the year	5
" in each quarter	5
Nativities of the parties married	6
Ages of the parties married	7
Number of each sex in each division of age married	8
Marriages in each month, with the ceremonies, etc	9
Number of persons married in 19 years	10
DEATHS	11
Chart, mortality, temperature, rain, etc., facing page	11
Total interments during the year	11
Net deaths in the city	11
Interments, with cause of death, sex, color, etc.	12–37
Notes on the causes of death	38–42
Chart, scarlet fever and diphtheria, facing page	41
Percentage of deaths at certain ages	43
Deaths in each week, wards, etc.	44–47
" " month—adults and children	48
" " ward, percentage, etc.	49
Weekly deaths with meteorological observations, etc.	50–153
Marriages, births, and deaths—each month	154
Deaths from scarlet fever for 18 years	155
" " cholera infantum—June	156
" " " " —July	157
" " " " —August	158
" " " " —September	159
Meteorological observations	160–161
Deaths from typhoid fever for 18 years, with sex	162
" " " " from 1861 to 1879, by wards	163
" " " " for 19 years, with age, &c.	164
Mortality in each month, by ages, etc.	165
Deaths from consumption for 18 years	166
Deaths from small-pox from 1807 to 1879, with ratio, etc.	167
Deaths from fevers, weekly, during 1879	168
Total weekly deaths with meteorological observations for 1879	169
Still-births during 1879, monthly and by wards	170
Births, marriages, and deaths, prominent diseases, meteorology, etc., for 1879, facing page	170
Heavy rains from 1859 to 1879	171
Annual mean temperature from 1800 to 1879, with rain and snow, in inches, from 1826 to 1879	172
General summary of returns for 19 years, 6 months	173
Vaccine Physicians	175

Digitized by Google

HEALTH OFFICE.

PHILADELPHIA, FEBRUARY 26, 1880.

To the Select and Common Councils
of the City of Philadelphia.

GENTLEMEN:—

In obedience to law, I have the honor to present you my Annual Report of the Registration of Births, Marriages, and Deaths, which have occurred in the City during the year eighteen hundred and seventy-nine.

With high respect,

Your obedient servant,

JOHN E. ADDICKS,
Health Officer.

Digitized by Google

HEALTH OFFICER'S ANNUAL REPORT

OF

Births, Marriages, and Deaths.

1879.

Registration Department,

HEALTH OFFICE, *Philadelphia, January*, 1880.

To the President and Members
of the Board of Health.

GENTLEMEN:—In conformity with the provisions of section 1 of the Act of Assembly, approved March 8, 1860, the following abstracts from the records in this Department are respectfully presented through you to City Councils, for the year ending December 31, 1879.

The general sanitary condition of our City has been good, and will compare favorably with any other of the large cities, the actual mortality being fifteen thousand four hundred and seventy-three (15,473), a decrease from previous year of two hundred and seventy (270); and estimating our population at middle of the year to be nine hundred and one thousand three hundred and eighty (901,380), we find the ratio to be one death to every 58.25 of the population, or equal to 17.17 to every thousand living persons. It is very gratifying to be able to show such a favorable ratio, which has not been attained

Digitized by Google

during the past nineteen years, as reference to the following statement will show.

The following statement shows the ratio of deaths, with population, for the past nineteen years:

Years.	Population.	Deaths.	Deaths to 1,000 persons living.	Persons living to one death.
1861	576,408	13,540	23.49	42.57
1862	587,287	13,864	23.60	42.36
1863	598,166	14,220	23.73	42.06
1864	608,045	15.875	26.10	38.30
1865	618,924	15,633	25.25	39.59
1866	620,803	15,362	22.80	40.99
1867	640,682	12,660	19.76	50.60
1868	651,561	13,391	20.39	48.65
1869	662,440	13,428	20.27	49.33
1870	674,022	15,317	22.72	44.00
1871	700,000	15,485	22.12	45.20
1872	725,000	18,987	26.19	38.18
1873	750,000	15,224	20.29	49.26
1874	775,000	15,238	19.66	50.86
1875	800,000	17,805	22.25	44.93
1876	825,594	18,892	22.88	43.69
1877	850,856	16,004	18.81	53.16
1878	876.118	15,743	17.97	55.65
1879	901,380	15,473	17.17	58.25

The following comparative statement will show the mean temperature of the summer months for the past three years:

Months.	MEAN TEMPERATURE.		
	1877.	1878.	1879.
June	71.7°	67.9°	71.7°
July	77.8°	77.3°	75.6°
August	75.5°	73.4°	72.7°
September	66.8°	67.9°	64.4°
Mean	72.95°	71.62°	71.10°

The mean of the past summer being a fraction lower than those of the two previous years.

Digitized by Google

Digitized by Google

Digitized by Google

The number of deaths from Diphtheria amounted to three hundred and twenty-one (321), a decrease of one hundred and forty-three (143) from previous year, and the lowest figure that has been reached since 1874. Scarlet Fever also shows a reduced figure.

	Diphtheria.	Scarlet Fever.
First quarter, - -	130	133
Second quarter, - -	57	99
Third quarter, - -	46	59
Fourth quarter, - -	88	45
	321	336

The following statement shows the number of deaths from each disease for the past eleven years:

Years.	Diphtheria.	Scarlet Fever.
1868	119	224
1869	182	799
1870	172	956
1871	145	262
1872	150	174
1873	110	319
1874	179	461
1875	652	1,032
1876	708	328
1877	458	379
1878	464	554
1879	321	336

The number of deaths from Small Pox amounted to six (6), all of which occurred at the close of the year. On the 26th of November, after a period of two years and three months, the first case of Small Pox was returned to this office from the north eastern portion of our City; and with the limited appropriation on hand that portion of the district that was infected was cleaned and put in good sanitary condition.

Attention is called to several additional tabular statements in this Report, containing very valuable information, which will prove of interest for future reference.

Digitized by Google

BIRTHS.

The number of births registered during the year was eighteen thousand four hundred and ninety-nine (18,499), an increase over the previous year of one hundred and fifty-three (153).

The number of male births was nine thousand seven hundred and thirty-five (9,735), an increase over the previous year of eighty-nine (89); the female births numbered eight thousand seven hundred and sixty-four (8,764), an increase over the previous year of sixty-seven (67).

TABLE I.—Births.

The following table will show the number of births in each month, the number of colored and still-births, twins, and triplets.

1879. Months.	Total.	Births.		Black.		Still-born.		Twins.	Triplets.
		M.	F.	M.	F.	M.	F.		
January	1,664	894	770	25	19	54	29	22	
February	1,584	867	717	28	19	40	40	14	
March	1,628	793	835	14	24	50	40	13	
April	1,342	684	658	19	20	40	24	11	
May	1,298	706	592	22	18	38	21	13	
June	1,443	783	660	11	18	27	26	11	
July	1,584	834	750	20	28	60	32	9	
August	1,625	841	784	26	13	37	24	16	
September	1,583	839	744	20	11	23	19	12	
October	1,575	855	720	19	16	39	33	5	
November	1,535	822	713	21	16	25	20	13	1
December	1,638	817	821	18	18	35	33	11	
Total	18,499	9,735	8,764	243	220	468	341	150	1

The number of births in each quarter of the year was as follows:

First quarter, ending March 31, - -	4,876
Second quarter, ending June 30, - -	4,083
Third quarter, ending September 30, -	4,792
Fourth quarter, ending December 31, -	4,748
	18,499

Digitized by Google

TABLE II.

The following table presents the births in each ward during the year 1879.

BIRTHS IN EACH WARD, 1879.

First	1,146	Twelfth	397	Twenty-third	319
Second	440	Thirteenth	302	Twenty-fourth	1,034
Third	363	Fourteenth	462	Twenty-fifth	662
Fourth	587	Fifteenth	1,001	Twenty-sixth	950
Fifth	306	Sixteenth	372	Twenty-seventh	480
Sixth	202	Seventeenth	412	Twenty-eighth	664
Seventh	538	Eighteenth	565	Twenty-ninth	1,093
Eighth	395	Nineteenth	1,409	Thirtieth	608
Ninth	211	Twentieth	1,001	Thirty-first	718
Tenth	437	Twenty-first	433	Unknown	52
Eleventh	377	Twenty-second	563	Total	18,499

The largest number of births occurred in the Nineteenth Ward, one thousand four hundred and nine (1,409); and the smallest number in the Sixth Ward, two hundred and two (202).

MARRIAGES.

The number of marriages registered during the year 1879 amounted to five thousand two hundred and twenty-four (5,224), a decrease from the previous year of one thousand and twenty-three (1,023).

The number of marriages in each quarter of the year was as follows:

First quarter, ending March 31, - -	1,200
Second quarter, ending June 30, - -	1,313
Third quarter, ending September 30, -	1,234
Fourth quarter, ending December 31, -	1,477
	5,224

Digitized by Google

TABLE III.—MARRIAGES. *Nativities of the Parties.*

The following table gives the birth-place of those married.

Nativities.		Birth-place of Brides.			Total of grooms.
		United States.	Foreign.	Not given.	
Birth-place of Grooms.	United States	3,474	201	14	3,689
	Foreign	565	747	6	1,318
	Not given	18	4	195	217
	Total of brides	4,057	952	215	5,224

The number of marriages in which both parties were natives of the United States was three thousand four hundred and seventy-four (3,474), and the number of marriages in which both parties were of foreign birth was seven hundred and forty-seven (747), and the number of marriages in which the nativities of both parties were unknown was one hundred and ninety-five (195).

The number of men married natives of the United States amounted to three thousand six hundred and eighty-nine (3,689), and the number of women four thousand and fifty-seven (4,057); the nativities of two hundred and fifteen (215) women and two hundred and seventeen (217) men have been omitted.

The number of men of foreign birth married amounted to one thousand three hundred and eighteen (1,318), of whom five hundred and sixty-five (565) married women of the United States, seven hundred and forty-seven (747) married women of foreign birth.

Of the whole number of persons married (of both parties), natives of the United States amounted to seven thousand seven hundred and forty-six (7,746).

Digitized by Google

TABLE IV.—Marriages. *Age of the Parties.*

The following table will show the ages of the parties married during the year 1879.

1879.		Ages of the Women.										Total of men.
		Under 20.	20 to 25.	25 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	Not given.	
Ages of the Men.	Under 20....	25	7									32
	20 to 25.....	628	1,158	124	25						7	1,942
	25 to 30.....	210	877	431	80	2					11	1,611
	30 to 40.....	67	304	317	283	27					10	1,008
	40 to 50.....	7	32	50	129	50	5	1			1	275
	50 to 60.....		9	14	36	30	22				2	113
	60 to 70.....		1	1	7	10	5	2				26
	70 to 80.....				1	2	1					4
	80 to 90.....				1					1		2
	Not given...	1	7	3	1	1					198	211
Total of women...		938	2,395	940	563	122	33	3		1	229	5,224

The number of men married under the age of twenty was thirty-two (32), while the women amounted to nine hundred and thirty-eight (938); the number of men married between the age of twenty and twenty-five amounted to one thousand nine hundred and forty-two (1,942), and the number of women between the same ages was two thousand three hundred and ninety-five (2,395); the number of men married between twenty-five and thirty was one thousand six hundred and eleven (1,611), while the women of same age amounted to nine hundred and forty (940); the number of men married between thirty and fifty amounted to one thousand two hundred and eighty-three (1,283); four (4) men married between seventy and eighty, and two (2) men married between eighty and ninety; one (1) woman married between eighty and ninety.

Digitized by Google

TABLE V.—*The following table will show the number of each sex in each division of age married during the year.*

1879.	Under 20.	20 to 25.	25 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	Ages not given.
Males.....	32	1,942	1,611	1,008	275	113	26	4	2	211
Females.....	938	2,395	940	563	122	33	3		1	229
Total.....	970	4,337	2,551	1,571	397	146	29	4	3	440

Digitized by Google

TABLE VI.—Marriages. *Ceremonies Employed.*

The following table will give the number of marriages solemnized during the year, with the various ceremonies employed.

1879. Months.	Total.	Methodist.	Catholic.	Presbyterian.	Episcopal.	Baptist.	Lutheran.	German Reformed.	Aldermen.	Independent.	Hebrew.	Mayor.	Evangelical Association.	Moravian.	Unitarian.	New Jerusalem.	Universalist.	Friends.	Dutch Reformed.	Christian.	United Protest. Church.	Congregationalist.	Disciples of Christ.	Church of Christ.	Mormon.
January	432	116	91	44	55	30	27	16	23	6	11	3	3	1	1	1	3	...	...	1					
February	405	86	106	54	49	30	32	11	21	3	4	2	3	...	...	1	2	1							
March	363	104	12	54	58	39	36	15	18	6	5	7	2	...	...	3	...	1	...	1	2	...	1		
April	441	105	92	64	59	47	41	10	8	7	2	...	4	...	1	...	...	1							
May	444	120	88	50	48	43	39	20	16	5	3	...	3	3	...	...	1	2	2	...	.	...	...	...	1
June	428	112	73	62	44	45	34	16	20	5	8	4	1	1	1	1	..	...	1						
July	362	119	60	44	40	25	32	18	14	5	2	...	...	2	...	...	...	...	...	...	...	1			
August	382	109	59	39	49	35	38	23	14	7	4	...	3	...	1	...	1								
September	490	140	79	64	67	45	38	23	15	7	3	...	3	3	1	...	2								
October	521	129	77	79	72	50	45	25	20	7	5	3	3	...	5	...	...	...	...	...	...	1			
November	500	123	85	70	57	46	53	24	18	2	7	6	...	2	1	3	...	1	...	1	...	...	...	1	
December	456	150	44	60	75	53	30	20	12	2	2	3	1	1	2										
Totals	5224	1413	806	684	673	488	445	221	199	62	56	28	26	13	13	9	9	6	3	3	2	2	1	1	1

The largest number of marriages occurred in the month of October, five hundred and twenty-one (521), and the lowest in the month of July, three hundred and sixty-two (362).

The average number of marriages per month, 435
" " " per week, 104
" " " per day, 14

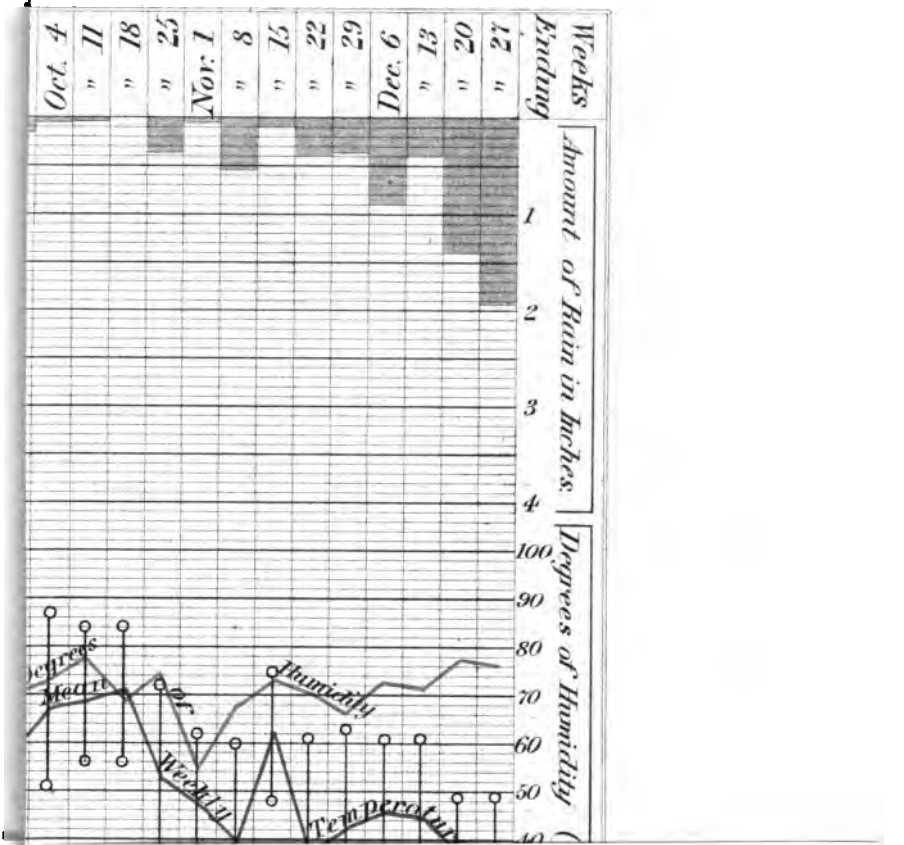
Digitized by Google

TABLE VII.—*The following table shows the number of persons married, including both sexes, in each division of ages, in each of the past nineteen years, from* 1861 *to* 1879, *inclusive.*

Years.	Under 20.	20 to 25.	25 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	Ages not given.
1861	969	3,422	2,114	1,193	362	89	24	4		657
1862	835	3,422	2,107	1,329	377	118	31	9		1,096
1863	1,036	4,172	2,642	1,600	493	125	30	6	2	842
1864	1,319	5,316	3,171	1,752	582	158	38	1	1	1,136
1865	1,290	5,255	3,391	2,233	574	157	38	6		784
1866	1,262	5 322	3,526	2,116	620	171	46	6		1,105
1867	1.134	4,992	3,006	1,783	483	127	49	7		787
1868	1,141	4,916	2,992	1,915	586	177	34	10		971
1869	1,230	4,854	3,127	1,748	517	154	30	7	1	1,096
1870	1,171	5,028	3,129	1,842	538	176	51	4	2	901
1871	1,262	5,344	3,211	1,789	527	172	35	6	1	1,265
1872	1,176	5,315	3,235	1,902	537	172	39	5		611
1873	1,626	6,288	3,656	2.207	649	200	47	8	2	1,069
1874	1,306	5,283	3,234	1,875	500	163	40	11		766
1875	1,235	4 814	2,960	1.799	517	157	47	7	1	751
1876	1,115	4,464	2,596	1,668	454	153	36	5	1	190
1877	1,149	5,023	3.052	1,824	491	160	43	4	1	547
1878	1,091	5,012	3,021	1.944	479	171	42	5		7·9
1879	970	4,337	2,551	1,571	397	146	29	4	3	440
Total	22,347	92,379	56,751	34,110	9,683	2,946	729	115	15	15,823

Digitized by Google

with Meteorological observations for the same



Digitized by Google

Digitized by Google

MORTALITY.

The number of deaths in the city during the year amounted to fifteen thousand four hundred and seventy-three (15,473), a decrease of two hundred and seventy (270) from previous year.

The number of deaths during the year 1879, 15,473.

White,		14,545	
Colored,		928	
Total,			15,473
Males,		7,888	
Females,		7,585	
Total,			15,473
Male adults,		4,370	
Female adults,		4,407	
Total adults,			8,777
Male children,		3,518	
Female children,		3,178	
Total children,			6,696
Actual deaths in city,			15,473
Deaths from specified diseases,		14,249	
" " old age,		722	
" " violence (accident, negligence, homicide, and suicide),		492	
" " unknown causes,		10	
Total,			15,473

In the above figures, the still-born and premature births, and bodies brought to the city for burial, are excluded, thus showing the actual mortality in the city.

Digitized by Google

TABLE VIII.—*Total interments in the City of Philadelphia, from all causes, during the year 1879.*

CAUSES OF DEATH.	Totals.	Males.	Females.	Boys.	Girls.	AGES.															Adults.	Minors.	Alms-house.	People of color.	
						Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120				
Abscesses	1		1		1		1																1		1
Abscess of the Abdominal Wall	1		1										1									1			1
" " Arm	1	1		1		1																	1		
" " Axilla	2	2		1			1							1								1	1		
" " Bladder	2	2											1	1								2			
" " Bowels	1	1													1							1			1
" " Brain	6	3	3	2	2	3				1		2										2	4		
" " Breast	1		1		1		1																1		
" " Colon	1		1													1						1			
" " Hand and Arm	1	1		1					1														1		
" " Head	1		1		1	1																	1		
" " Hip Joint	1		1														1					1			
" " Kidneys	2	1	1										1			1						2		1	1
" " Liver	15	10	5	1					1			2	3	2	2	2	3					14	1		
" " Lungs	18	11	7	3	3	1	1	1	1	1	1	4		2	1	5						12	6		
" " Neck	4	1	3	1	2		1	2									1					1	3		
" " Pharynx	1		1										1									1			
" " Pleura	2	2		1		1							1									1	1		1
" " Spine	1	1		1		1																	1		
" " Thigh	1	1											1									1			
" " Throat	1	1														1						1			
" Cervical	4	2	2	2	2	1	2	1															4		
" Lumbar	3	2	1									1	1		1							3			
" Pelvic	4		4									1	3									4			
" Peritoneal	1	1												1								1			
" Pleuritic	1		1		1	1																	1		
" Psoas	5	3	2		1						1	1	2	1								4	1		
Anemia	26	9	17	2	5	3	2	1			1	1	4	4	1	4	5					19	7		
Aneurism of Abdominal Artery	2	2												1	1							2			1
" of Aorta	21	15	6									1	8	5	2	4	1					21		1	3
" of Pulmonary Artery	1	1												1								1			
" Thoracic	1	1											1									1			
Apoplexy	263	151	112	1	3	1			3			5	19	32	42	81	52	25	3			259	4	15	7

Digitized by Google

CAUSES OF DEATH.	NATIVITY.			WARDS.																															
	U. States.	Foreign.	Unknown.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Abscesses	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		1	...	...	...	...	...	...		...	...	...	...	
Abscess of the Abdominal Wall	1		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	..	...	...	...		...	...	...	...	...	...	...		...	...	...	...	
" " Arm	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...		...	...	...	...	...	...	...		...	...	...	...	
" " Axilla	1	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...		...	...	...	...	...	...	...		...	...	...	...	
" " Bladder	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...		...	...	...	...	...	...	...		...	1	...	...	
" " Bowels	1		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...	
" " Brain	6		...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...		...	...	2	...	...	...	...		...	1	...	...	
" " Breast	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1		...	...	...	...	...	...	...		...	...	...	...	
" " Colon			1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...		...	...	...	...	...	...	...		...	...	...	...	
" " Hand and Arm	1		...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	..		...	...	...	...	
" " Head	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...		...	...	...	...	...	...	...		...	...	...	...	
" " Hip Joint		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...		...	...	...	...	...	...	...		...	...	...	...	
" " Kidneys	1		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	1	...	...	...	...	1	...	...	...	...	
" " Liver	11	4	...	...	1	...	...	...	...	1	1	1	...	1	...	...	...	1	...	...	2	1	1	...	...	...	1	...	...		...	1	2	...	1
" " Lungs	14	4	...	3	1	...	...	...	...	...	...	...	...	...	2	...	2	1	...	...	1	3	1	...	1	...	1	1	...		...	1	...	...	
" " Neck	3	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	1	1	...		...	...	...	...	
" " Pharynx		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	1	...		...	...	...	...	
" " Pleura	1	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...	
" " Spine	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1		...	...	...	...	...	...	...		...	...	...	...	
" " Thigh	1		...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...	
" " Throat	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	1	...	...		...	...	...	...	
" Cervical	4		...	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...		...	...	...	...	
" Lumbar	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...		...	...	...	...	...	...	...		...	...	1	...	
" Pelvic	4		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...		2	...	1	...	...	...	...		...	...	...	...	
" Peritoneal	1		...	..	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...	
" Pleuritic	1		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...	
" Psoas	1	3	1	...	1	1	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...		...	...	...	...	1	...	...		...	...	...	...	
Anemia	18	7	1	1	1	1	1	...	...	...	1	1	2	...	1	1	1	2	...	...	2		1	...	3	2	1	...	2	1	...	1	...	...	
Aneurism of Abdominal Artery	1	1	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...	
" of the Aorta	10	8	3	...	1	2	2	2	...	2	...	...	...	...	...	...	1	...	...	...	1		1	...	...	1	...	1	1	4	...	...	1	1	
" of Pulmonary Artery			1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...		...	...	...	..	
" Thoracic		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	1	...	...	...		...	...	...	...	
Apoplexy	152	86	25	9	7	9	6	4	4	9	8	4	4	3	6	9	8	7	4	8	13	9	6	6	14	9	16	7	10	23	10	12	11	8	

Digitized by Google

TABLE VIII.—Continued.

CAUSES OF DEATH.	Totals.	Males.	Females.	Boys.	Girls.	AGES. Under 1 year.	1 to 2	2 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	Adults.	Minors.	Alms-house.	People of color.
Asphyxia	41	21	20	17	18	34					1	2		1	1	1		1				6	35	1	3
Asthma	34	20	14	2		1			1				3	5	7	7	6	3	1			32	2		5
Boils	2	1	1											1	1							2			
Bright's Disease	222	132	90	18	12			9	9	6	6	33	39	32	24	32	26	6				192	30	24	23
Burns and Scalds	55	20	35	11	16		4	11	6	4	2	4	10	5	3	4	1	1				28	27		3
Bed Sores	1	1		1						1													1		
Cancer of the Arm	1		1											1								1			
" " Bladder	6	5	1											2	1	2	1					6			
" " Bowels	12	4	8									1	1	1	1	4	2	2				12			
" " Breast	55	1	54										5	13	20	9	6	2				55		1	
" " Cæcum	2		2												1	1						2			
" " Cervical Glands	1		1													1						1			
" " Colon	2	1	1											1		1						2			
" " Duodenum	1		1													1						1			
" " Eye	1		1		1		1																1		
" " Face	8	5	3												4	1	1	2				8			
" " Femur	1		1												1							1			
" " Hand and Arm	1		1		1					1													1		
" " Jaw	2	2												1	1							2			
" " Kidneys	3	2	1									1				1	1					3			
" " Knee	1		1		1						1												1		
" " Larynx	1	1													1							1		1	
" " Leg	1		1													1						1			
" " Liver	34	16	18									1	2	8	11	4	7	1				34			1
" " Lung	2	1	1									1				1						2			
" " Metatarsal Bones	1		1												1							1			
" " Mouth	1	1													1							1			
" " Neck	4		4										1	2			1					4			
" " Nose	1	1												1								1			
" " Œsophagus	4	4													2	2						4			
" " Omentum	3	2	1											2			1					3			1
" " Orbit	1	1														1						1			
" " Ovaries	5		5									1	1		1	1	1					5			

Digitized by Google

PAGE 14—Continued.

CAUSES OF DEATH.	NATIVITY.			WARDS.																														
	U. States.	Foreign.	Unknown.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Asphyxia	37	4	...	3	1	2	1	1	...	...	...	...	1	...	...	...	...	3	...	2	2	4	1	2	...	1	2	2	...	4	1	5	2	1
Asthma	13	21	...	3	2	1	...	5	1	1	...	1	...	...	...	2	...	2	1	2	1	4	2	...	...	1	2	1	1		...	...	...	1
Boils	2		...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
Bright's Disease	140	52	30	9	6	5	7	7	2	17	11	4	6	2	6	7	1	15	1	5	7	7	14	1	6	4	7	2	7	33	8	11	3	1
Burns and Scalds	43	10	2	4	2	...	4	2	...	3	3	...	1	2	1	1	...	3	...	2	1	1	2	4	1	1	7	2	4	1	...	1	1	1
Bed Sores	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...		...	...	...	...
Cancer of the Arm	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	1	...	...
" " Bladder	4	2	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1		...	...	...	...	...	1	...	1	...	...	1	...
" " Bowels	9	2	1	3	2	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...		...	...	2	1	...	1	...		...	...	1	...
" " Breast	25	28	2	...	1	...	2	1	1	5	1	...	2	3	...	1	2	2	1	1	4	2	7	2	1	3	...	1	3	4	1	...	4	...
" " Cæcum	1		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		1	...	...	...	...	...	...		...	...	1	...
" " Cervical Glands	1		...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
" " Colon	1	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...		...	...	...	...	...	...	...		...	...	...	...
" " Duodenum		1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
" " Eye	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	1	...		...	...	...	...
" " Face	5	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...		...	...	2	1	1	...	1		1	...	...	...
" " Femur		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
" " Hand and Arm		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...		...	...	...	...
" " Jaw	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...		...	...	...	...
" " Kidneys	2	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...		2	...	...	...	...	...	...		...	...	...	...
" " Knee	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	1	...	...	...	...
" " Larynx			1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	1	...	...	...	...
" " Leg		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	1	...		...	...	...	...
" " Liver	17	17	...	4	...	...	2	...	...	3	1	1	...	2	...	...	1	1	...	3	2		2	...	3	...	3	...	...	1	...	3	1	1
" " Lung		2	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	1
" " Metatarsal Bones		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		1	...	...	...
" " Mouth	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	1	...		...	...	...	...
" " Neck	1	3	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...		...	1	...	...	...	...	...	1	...	...	...	...
" " Nose		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	1	...	...	...	...
" " Œsophagus	2	2	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	1	...		1	...	...	...	...	...	...		...	...	...	...
" " Omentum	1	2	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...		...	...	1	...	...	...	...		...	...	...	...
" " Orbit	1		...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
" " Ovaries	4	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...		...	...	...	...	2	...	...		...	...	...	...

Digitized by Google

TABLE VIII.—Continued.

CAUSES OF DEATH.	Totals.	Males.	Females.	Boys.	Girls.	AGES. Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120	Adults.	Minors.	Alms-house.	People of color.
Cancer of the Pancreas	2		2										1			1						2			
" " Parotid Gland	2	1	1										1		1							2			
" " Pelvis	1	1															1					1			
" " Pelvic Viscera	1		1											1								1			
" " Penis	1	1															1					1			
" " Peritoneum	2	1	1											1		1						2		1	
" " Prostate Gland	1	1													1							1			
" " Pylorus	7	4	3										1	1	2	3						7			
" " Rectum	7	1	6										2	5								7			
" " Scalp	1	1														1						1			
" " Spleen	2		2	1							1	1										1	1		
" " Stomach	78	33	45									2	4	9	24	25	11	3				78		1	2
" " Stomach and Bowels	2	1	1													1	1					2			
" " Throat	2	2													2							2			
" " Tongue	4	4												1	1		1	1				4			
" " Tongue and Throat	1	1															1					1			
" " Tonsils	1		1											1								1			
" " Uterus	82		82										14	26	26	5	10	1				82		2	4
" " Vertebra	1	1												1								1			
" " Vulva, Vagina, and Groin	1		1												1							1			
" Diffused	8	3	5	2				1			1			2	2	2						6	2		1
Caries of the Femur	1	1															1					1			
" " Hip Joint	1		1		1					1													1		
" " Lumbar Vertebra	1	1													1							1			
" " Pelvis	1		1									1										1			
" " Spine	1		1		1					1													1		
Carbuncle	4	3	1													2	2					4		1	
Cerebro Spinal Meningitis	62	31	31	23	24	15	8	8	9	5	2	4	2	3	3	3						15	47		1
Cellulitis	1		1									1										1			
Change of Life	1		1												1							1			
Child Birth	11		11									1	9	1								11			
Chlorosis	1		1		1					1													1		
Cholera Infantum	804	395	409	395	409	662	131	8	3													804	7	48	

Digitized by Google

CAUSES OF DEATH.	NATIVITY.			WARDS.																														
	U. States.	Foreign.	Unknown	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cancer of the Pancreas		2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...		...	...	...	...	...	...		...	...	1	...	
" " Parotid Gland		2	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...		...	...	1	...	
" " Pelvis		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...		...	...	...	...	...	...		...	...	...	...	
" " Pelvic Viscera	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...		...	...	...	...	...	...		...	...	...	...	
" " Penis		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...		...	...	...	...	
" " Peritoneum			2	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...		...	...	...	...	...	...	1	...	...	...	...	
" " Prostate Gland		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...		...	...	...	...	...	...		...	...	...	...	
" " Pylorus	2	4	1	...	...	1	...	...	...	...	1	...	...	...	...	1	...	2	...	...	...	1	...	...	...	...	...	...		...	...	1	...	
" " Rectum	6	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	1	...	1	1	1	...	...	
" " Scalp	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	1	...	...	...	...	
" " Spleen	2		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...		...	1	1	...	
" " Stomach	34	40	4	1	4	1	...	...	3	2	2	...	2	1	1	5	...	3	2	3	6	4	6	2	5	5	3	1	2	3	1	3	5	2
" " Stomach & Bowels		2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...		...	...	...	1	...	...		...	...	...	...	
" " Throat	1	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...		...	1	...	...	...	...		...	...	...	...	
" " Tongue	1	3	...	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...		...	...	...	...	...	...	1	...	...	...	...	
" " Tongue and Throat		1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...		...	...	...	...	
" " Tonsils	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		1	...	...	...	...	...		...	...	...	...	
" " Uterus	51	26	5	2	3	2	2	4	...	1	2	2	2	...	3	2	2	7	...	4	2	5	4	1	4	2	2	1	2	8	1	8	4	...
" " Vertebra	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...		...	...	...	...	...	...		...	...	...	...	
" " Vulva, Vag. & Groin	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...		...	...	...	...	...	...		...	...	...	...	
" Diffused	6	2	...	...	...	...	...	...	...	1	...	...	1	...	1	...	...	...	...	...	1		...	...	...	...	1	...		...	...	1	1	
Caries of the Femur		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	1	...	...	...	...		...	...	...	...	
" " Hip Joint	1		...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...		...	...	...	...	
" " Lumbar Vertebra		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...		...	1	...	...	
" " Pelvis	1		...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...		...	...	...	...	
" " Spine	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...		...	...	...	1	
Carbuncle	3		1	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...		...	...	...	...	1	1		...	...	...	...	
Cerebro Spinal Meningitis	53	9	...	7	...	2	3	1	...	2	2	...	1	1	1	...	1	1	...	1	4	3	4	3	...	1	3	2	3	3	2	3	3	5
Cellulitis		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...		...	1	...	...	
Change of Life		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...		...	...	...	...	
Child Birth	5	6	...	1	...	...	...	...	1	1	...	...	...	2	...	...	...	...	...	1	1	1	...	...	...	...	...	1	1		...	...	...	1
Chlorosis		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	1		...	...	...	...	
Cholera Infantum	802	2	...	52	34	27	33	12	5	53	19	7	19	21	11	10	15	44	14	14	29	44	29	21	9	19	39	40	54	26	25	29	28	22

Digitized by Google

TABLE VIII.—Continued.

CAUSES OF DEATH.	Totals.	Males.	Females.	Boys.	Girls.	AGES.															Adults.	Minors.	Alms-house.	People of Color.	
						Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120				
Cholera Morbus	27	17	10	4	1	1	1	2			1		4	3	8	4	2		1			22	5		1
Chorea	1	1		1		1																	1		
Cirrhosis of the Liver	72	47	25		1				1			1	3	24	24	10	8	1				71	1		2
Collapse of Lungs	4	3	1	3	1	4																	4		2
" from Ovariotomy	1		1											1								1			
Colic	1	1										1										1			
Casualties	174	148	26	39	10	3	5	9	10	12	10	33	32	25	18	11	3	2	1			125	49		4
Compression of the Brain	13	6	7	3	3	2	1	2	1			1	1			3	1	1				7	6		
Concussion of the Brain	14	10	4	2	1					2	1	1	2	1	2	4	1					11	3	1	
Congestion of the Bladder	1	1																1				1			
" " Bowels	1		1													1						1			
" " Brain	266	150	116	99	79	103	31	21	12	6	5	11	18	12	20	13	11	3				88	178	2	16
" " Heart	1	1												1								1			
" " Kidneys	2	1	1													1	1					2			
" " Liver	16	4	12	2	3	4					1	1	1	1	4	1	2		1			11	5		
" " Lungs	178	92	86	60	49	60	19	16	8	2	4	5	7	13	9	21	13	1				69	109	3	9
" " Spine	1		1															1				1			
" " Spinal Cord	1		1														1					1			
" " Stomach and Bowels	2	1	1	1		1								1								1	1		
Consumption of the Bowels	17	7	10	1	2		1			2		1	6	3	3			1				14	3		
" " Lungs	2481	1233	1248	102	183	15	14	20	11	29	196	765	609	349	249	155	57	11	1			2196	285	100	182
Constipation	1		1															1				1			
" of the Bowels	1		1		1	1																	1		
Convulsions	626	308	318	299	305	405	123	61	10	3	2	6	7	1	2		6					22	604	2	49
" Puerperal	18		18		1						1	6	10	1								17	1		1
Coryza	1		1		1	1																	1		
Cramps	13	8	5	8	4	11		1				1										1	12		
Craniotomy	2	2		2		2																	2		
Croup	291	162	129	162	129	30	62	143	54	2													291		5
Curvature of Spine	2	1	1	1				1					1									1	1		
Cyanosis	119	70	49	70	49	115	4																119	1	8
Debauch	4	3	1										1		2		1					4		1	
Debility	472	232	240	128	117	218	11	9	1	2	4	13	14	29	52	109	7	3				227	245	28	53

Digitized by Google

CAUSES OF DEATH.	NATIVITY.			WARDS.																														
	U. States.	Foreign.	Unknown.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cholera Morbus	14	13	...	1	...	...	2	1	...	1	1	...	1	1	...	...	...	1	...	1	3	1	1	1	2	2	1	1	2	1	2	...	...	...
Chorea	1		...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
Cirrhosis of the Liver	31	34	7	5	1	1	5	4	4	5	...	2	1	4	3	2	2	2	1	2	3	3	2	...	2	3	1	3	2	1	1	4	2	1
Collapse of Lungs	4		...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	2	...	...	1	...
" from Ovariotomy	1		...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
Colic		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	1	...	...	...	...	...	...
Casualties	94	65	15	8	5	2	5	8	3	16	5	1	4	8	...	...	1	4	5	5	5	8	6	2	3	2	22	15	7	5	6	8	4	1
Compression of the Brain	12	1	...	2	1	...	...	1	...	1	1	...	...	...	...	...	...	2	...	1	...		...	...	...	...	1	...	...		...	1	...	2
Concussion of the Brain	6	4	4	...	...	...	1	...	...	1	...	1	...	...	...	...	...	...	2	1	...	2	...	1	..	...	1	...	1	2	1	...	...	...
Congestion of the Bladder		1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
" " Bowels		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		1	...	...	...	...	...	...		...	...	...	...
" " Brain	227	36	3	18	16	4	9	7	5	11	7	3	6	4	3	3	4	14	7	5	13	17	13	8	10	7	10	10	11	12	3	7	6	13
" " Heart	1		...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...		..	...	...	...	...	...	...		...	...	...	...
" " Kidneys	1	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...		...	...	1	...	...	...	...		...	...	...	...
" " Liver	9	7	...	...	2	1	...	1	...	1	...	...	1	...	1	...	...	...	...	...	...		2	...	1	1	3	...	...		..	2	...	...
" " Lungs	140	31	7	10	7	6	8	5	3	7	2	2	7	2	3	3	4	7	4	2	9	6	6	13	10	3	8	3	6	8	5	5	7	7
" " Spine	1		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
" " Spinal Cord	1		...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
" " Stom. & Bowels	2		...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1		...	...	...	...	...	...	...		...	...	...	...
Consumption of the Bowels	11	5	1	1	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	2	1	2	1	...	...	1	1	...	1	1	1	1	...	2
" " Lungs	1545	801	135	139	104	63	70	78	41	115	67	36	50	37	27	50	56	136	34	88	110	143	105	41	60	75	91	70	85	186	64	116	75	69
Constipation	1		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
" of the Bowels	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		1	...	...	...
Convulsions	617	6	3	44	19	11	30	13	6	22	8	11	19	15	7	15	16	25	25	22	24	44	27	10	22	8	28	27	25	18	21	19	21	24
" Puerperal	11	6	1	1	1	1	1	...	...	1	..	...	...	...	...	...	...	...	...	...	...		3	1		...	2	...	1	1	2	2	1	...
Coryza	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...		...	...	...	...	...	...	...		...	...	...	...
Cramps	13		...	...	...	...	1	...	1	...	1	...	...	1	...	...	...	...	2	3	...		2	...	...	...	...	...	...		...	1	...	1
Craniotomy	2		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	1	...	1	...	...	...	...
Croup	290	1	...	19	12	4	3	3	2	11	3	5	2	1	3	4	3	10	6	9	15	22	11	13	9	12	21	15	13	4	10	22	8	16
Curvature of Spine	2		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...		...	...	1	...
Cyanosis	119		...	9	1	4	5	1	4	7	3	2	7	2	...	2	4	7	1	1	5	3	5	2	2	4	8	5	4	3	6	5	2	5
Debauch		1	3	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	1	1	...	...	...	1
Debility	333	101	38	19	16	13	25	13	5	22	10	8	8	11	9	4	12	24	15	12	15	22	13	9	13	10	13	13	18	51	16	13	20	20

Digitized by Google

TABLE VIII.—Continued.

CAUSES OF DEATH.	Totals.	Males.	Females.	Boys.	Girls.	AGES. Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120	Adults.	Minors.	Alms-house.	People of color.
Degeneration of the Arteries	1	1															1					1			
" " Kidneys	4	2	2		1					1		1		1	1							3	1		
" " Liver	1	1										1										1			1
" " Lungs	3	2	1										2		1							3			
" " Spleen	1	1		1							1												1		
" " Pleura	1	1													1							1			
Diabetes	26	14	12		2					1	1	2	1	2	8	6	3	2				24	2		
Diarrhœa	107	63	44	25	13	29	3	4		1	1	6	5	9	13	13	12	11				69	38	13	
Diphtheria	321	147	174	141	169	27	58	145	69	8	3	7	1		2	1						11	310		4
Disease of the Bowels	1		1												1							1			
" " Brain	31	20	11	3	4	3	1	2			1	4	3	4	8	2	3					24	7	1	2
" " Face	1	1													1							1			
" " Heart	536	270	266	30	42	19	1	6	15	19	12	40	60	79	92	86	89	16	2			464	72	15	51
" " Hip	6	2	4	2	3			1		4		1										1	5		
" " Kidneys	21	12	9	3	1	1		2	1			3	1	2	3	3	3	2				17	4		1
" " Knee Joint	2	1	1	1							1							1				1	1		
" " Liver	38	20	18	2	1	2		1				5	10	6	6	5	3					35	3		1
" " Lungs	4	3	1		1						1	1		1	1							3	1		
" " Spine	7	5	2	3	2			1		4		1				1						2	5	1	
" " Stomach	1	1												1								1			
Dropsy	126	51	75	11	8		2	4	5	3	5	6	14	13	22	28	18	5	1			107	19	1	11
" of the Brain	115	71	44	70	42	49	34	22	4	2	1	1	1					1				3	112		9
" " Chest	21	10	11	2	1			2	1			2	3	2	2	7	1	1				18	3		
" " Heart	72	32	40	6	6		2	4	1	2	3	4	8	6	8	17	11	5	1			60	12		6
" " Kidneys	1	1													1							1			
" " Liver	4	2	2												3		1					4			1
" " Lungs	22	13	9	3	1	1	2				1		4	3	5	3	3					18	4	1	1
" " Ovaries	3		3											1	2							3			
" Abdominal	28	12	16	3	3		1	2	1	2		1	2	5	10	2	2					22	6		
" Renal	2		2										1			1						2			
Drowned	105	100	5	29	2	2			12	12	5	14	17	22	13	7	1					74	31		3
Dysentery	60	31	29	13	8	10	3	4	4			1	10	4	7	8	6	3				3	21	6	3
Dyspepsia	8	5	3	2		2								1	1		4					6	2		

Digitized by Google

CAUSES OF DEATH.	NATIVITY.			WARDS.																														
	U. States.	Foreign.	Unknown.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Degeneration of the Arteries	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...		...	...	...	...	...	...	...		...	...	...	...
" " Kidneys	3	1	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...		...	...	1	...	1	...	...		...	...	...	...
" " Liver		1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
" " Lungs	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...		...	...	...	...	...	...	1		...	...	...	...
" " Spleen	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	1
" " Pleura		1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
Diabetes	15	9	2	1	...	...	...	1	1	...	1	...	...	...	2	1	...	1	...	...	...	3	2	2	4	...	1	1	1	1	...	3	...	...
Diarrhœa	60	34	13	1	4	2	4	1	1	3	2	1	1	2	...	1	1	8	1	3	5	7	4	5	2	3	7	3	1	13	4	4	9	4
Diphtheria	315	6	...	20	12	4	5	5	...	5	2	1	7	8	3	5	4	16	10	5	26	16	11	6	17	11	19	29	20	6	14	18	10	6
Disease of the Bowels		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...		...	...	...	...	...	...	...		...	...	...	...
" " Brain	20	5	6	1	1	...	...	2	...	1	1	...	2	1	...	...	1	3	...	1	...		2	...	1	2	6	...	1	2	2	1	...	...
" " Face	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...		...	...	...	...	...	...	...		...	...	...	...
" " Heart	326	170	40	23	19	16	20	14	8	25	17	4	14	12	4	14	24	18	10	8	12	27	23	7	21	21	32	18	21	38	20	25	12	9
" " Hip	6		...	...	1	...	...	...	...	...	...	...	1	...	1	...	...	...	...	1	...		1	...	...	...	...	...	...		...	...	...	1
" " Kidneys	15	5	1	1	1	...	...	...	...	1	1	1	2	1	2	1	...	3	...	1	...		1	1	2	...	...	...	...		...	2	...	...
" " Knee Joint	2		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...		...	...	...	...
" " Liver	19	15	4	1	1	3	1	3	...	...	...	1	...	4	...	...	2	...	1	2	2	3	1	1	...	...	1	...	2	2	1	1	...	3
" " Lungs	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	1	...	...	...	...	...	1	...		...	...	...	...
" " Spine	5	1	1	1	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...		...	...	1	...	1	...	...	1	1	...	...	...
" " Stomach	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...		...	...	...	...	...	...	...		...	...	...	...
Dropsy	83	40	3	10	12	3	3	3	1	5	...	1	2	3	1	3	4	10	2	1	3	6	4	5	2	6	4	7	7	3	7	3	1	4
" of the Brain	115		...	10	6	1	3	5	...	5	1	1	3	4	1	1	4	10	5	3	3	3	3	3	2	4	1	5	3	4	4	7	6	4
" " Chest	11	10	...	2	1	1	...	...	...	...	...	...	...	1	...	1	2	2	2	1	...	1	...	1	1	2	...	...	...	1	1	1	...	...
" " Heart	46	24	2	7	1	6	1	2	...	...	1	...	...	4	...	3	2	5	1	3	3	4	6	3	2	2	1	2	2	1	2	5	1	2
" " Kidneys	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	1	...	...		...	...	...	...
" " Liver	2	2	...	1	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	1	...
" " Lungs	12	8	2	3	...	1	1	...	...	...	...	...	...	2	...	...	2	...	...	...	1	1	4	...	...	2	...	1	1	...	2	...	1	...
" " Ovaries	3		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	1	...	...		...	...	...	...
" Abdominal	21	7	...	1	...	1	...	1	...	...	...	...	...	...	...	2	2	1	...	1	6	3	4	...	...	...	1	1	2		...	2	...	...
" Renal	1		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1		...	...	...	...	...	...	...		...	...	...	...
Drowned	42	31	32	6	6	7	5	6	5	2	3	1	5	13	1	1	...	6	...	2	8	1	...	2	...	1	...	2	8	3	2	5	3	1
Dysentery	31	22	7	1	...	...	1	...	1	6	1	1	...	...	1	...	...	2	...	...	2	6	...	...	1	...	2	5	5	13	1	4	4	3
Dyspepsia	5	3	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	1	...	...		...	1	1	...	...	1	...	2	...	...	...	...

Digitized by Google

TABLE VIII.—Continued.

CAUSES OF DEATH.	Totals.	Males.	Females.	Boys.	Girls.	AGES.															Adults.	Minors.	Alms-house.	People of color.	
						Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120				
Eczema	1	1		1		1																	1		
Effusion on Brain	50	30	20	22	13	17	12	4	2				4	2	4	4	1					15	35		2
" on Heart	4	1	3	1	2				3							1						1	3		
" on Lungs	4	2	2	1	2	1		2						1								1	3		
" on Pleura	1	1													1							1			
Embolism of the Heart	3	1	2										1			1	1					3			
" Cerebral	9	4	5									1	2	1	1	1		2	1			9			1
Emphysema	5	5		1			1					1		2			1					4	1	1	1
" of the Lungs	8	2	6	1				1						1		4	2					7	1		
Empyema	8	7	1	2						1		1	3	1		1						6	2	2	2
Enlargement of the Heart	27	12	15	4	4	1	1		2	1	3	3	1	1	3	4	5	2				19	8		3
" " Liver	5	3	2											1	3	1						5			
" " Prostate Gland	3	3														3						3			
" " Spleen	1		1		1		1																1		
Epilepsy	45	23	22	1	4					2	3	10	13	6	4	3	2	2				40	5	4	2
Erysipelas	83	45	38	19	15	26	3	4	1			6	8	9	8	9	6	2	1			49	34	2	5
Exposure	6	5	1	2		1					1	1	1		2							4	2		
Fatty Heart	10	7	3										2	1	1	2	4					10		1	
" Liver	7	4	3									1	4	2								7			3
" Degeneration of the Heart	28	12	16										2	1	5	8	10	1	1			28			
" " " Liver	5	4	1										1	1	1	2						5			
Fever, Bilious	2	1	1											1		1						2			
" Catarrhal	4	3	1	3	1	3		1															4		
" Congestive	1		1									1										1			
" Intermittent	10	4	6	3	2	2		2		1		1		1	1		2					5	5		1
" Malarial	7	6	1	2		1				1		1	2		2							5	2		
" Nervous	1	1												1								1			
" Puerperal	41		41		2						2	19	18	2								39	2	1	2
" Remittent	22	10	12	6	6	1	2	3	4	2		3	1	2		1	3					10	12		
" Rheumatic	2	2		2							2												2		1
" Scarlet	336	179	157	177	155	15	61	143	93	15	2	4										4	332	1	3
" Typhoid	344	182	162	45	54	3	5	20	21	24	26	103	47	36	27	19	10	2	1			245	99		13
" Typhus	1	1												1								1			

Digitized by Google

CAUSES OF DEATH.	NATIVITY.			WARDS.																														
	U. States.	Foreign.	Unknown	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Eczema	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	1	...	...	...	...
Effusion on Brain	40	8	2	...	3	1	1	2	1	...	2	...	...	2	...	2	5	1	2	1	1	1	5	1	1	...	3	3	5	2	1	2	...	2
" Heart	4		...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...		...	1	...	...
" Lungs	3	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	1	...	...	1	1	1	...		...	...	...	...
" Pleura	1		...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...		...	...	...	...
Embolism of the Heart	1	1	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...		...	1	...	1	...	...	...	...		...	...	...	...
" Cerebral	3	6	...	...	1	1	1	2	...	...	...	...	1	...	...	...	1	...	...	...	1		...	...	...	...	...	1	...		...	...	...	...
Emphysema	1	3	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...		1	...	...	...	...	1	...	2	...	...	...	...
" of the Lungs	2	6	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	1	...	...		...	1	1	...	...	1	...		..	1	...	1
Empyema	5	1	2	...	1	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	1		...	...	...	...	...	...	...	3	...	1	...	...
Enlargement of Heart	20	7	...	3	2	..	...	...	...	1	1	...	2	...	1	1	...	2	1	...	...	3	4	1	2	...	1	...	...		...	2	...	...
" Liver	1	4	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1	...		...	...	...	...	...	...	...		...	...	...	1
" Prostate Gland	1	2	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	2	...	...	...		...	...	...	...	...	...	...		...	...	...	...
" Spleen	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1		...	...	...	...	...	...	...		...	...	...	...
Epilepsy	31	8	6	3	2	1	...	...	1	1	...	...	...	1	1	...	1	1	1	...	2	5	...	4	...	5	3	1	3	6	...	1	1	1
Erysipelas	62	18	3	4	...	2	4	3	...	6	2	2	...	1	...	2	4	8	...	3	1	8	2	5	1	2	5	2	3	4	3	4	...	2
Exposure	3	1	2	1	...	...	1	1	...	...	...	...	...	1	...	...	...	...	...	...	...		...	...	...	...	...	1	...	1	...	...	...	...
Fatty Heart	5	3	2	...	2	...	...	...	...	...	1	...	...	...	...	...	1	..	1	...	...		...	1	...	...	1	...	...	2	...	...	1	...
" Liver	6	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1		1	...	...	1	...	...	...	1	...	..	...	...
" Degeneration of Heart	15	12	1	...	...	1	...	...	...	1	1	...	2	2	2	...	2	3	...	1	...	1	2	2	1	...	1	...	...	1	2	3	...	...
" " Liver	2	1	2	...	...	...	...	...	2	...	...	...	...	...	...	...	1	1	...	...	1		...	...	...	..	...	...	...		...	...	...	...
Fever, Bilious		2	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...		...	...	...	...
" Catarrhal	4		..	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	1	...		...	...	...	...
" Congestive	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	1	...	...	...	...		...	...	...	...
" Intermittent	9	1	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	1	3	1	...		2	1	...	...
" Malarial	5	2	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		1	1	...	...	2	...	1		...	...	1	...
" Nervous		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...		...	...	...	...
" Puerperal	21	17	3	1	4	...	...	...	1	2	2	...	...	...	...	...	...	5	1	...	2	4	2	1	...	...	1	1	3	3	1	1	2	4
" Remittent	20	2	...	...	...	2	...	...	...	2	...	...	...	...	...	1	...	1	...	2	2	4	2	...	1	...	...	2	2		...	...	1	...
" Rheumatic	2		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...		...	...	...	...	1	...	...		...	...	...	...
" Scarlet	334	1	1	24	23	8	5	2	2	7	5	1	5	4	4	3	7	16	9	10	15	33	16	6	8	6	19	12	13	3	13	26	6	25
" Typhoid	256	82	6	17	10	4	5	4	2	9	13	6	6	5	11	10	9	19	12	9	12	23	21	5	12	16	21	18	18	6	9	12	6	14
" Typhus		1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	..		...	...	...	...

Digitized by Google

TABLE VIII.—Continued.

CAUSES OF DEATH.	Totals.	Males.	Females.	Boys.	Girls.	AGES. Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120	Adults.	Minors.	Alms-house.	People of color.
Fever, Urethral	1	1													1							1			1
" Yellow	2	2										1	1									2			
Fracture of Ankle	1	1															1					1			
" Femur	1		1															1				1			
" Hip	1		1														1					1			
" Leg	2	2		1							1				1							1	1		
" Pelvis	1	1										1										1			
" Ribs	2	2												1	1							2			
" Skull	8	8										2	2	2	2							8			
" Thigh	3	1	2														2	1				3			
Gall Stone	1		1														1					1			
Grangrene	3	2	1	1		1										2						2	1		1
" Back	1		1												1							1			
" Bowels	1		1										1									1			
" Foot	10	6	4											1	1	2	4	2				10			1
" Leg	2		2														2					2			
" Lower Extremities	1		1												1							1			
" Lungs	8	3	5		1			1				5			2							7	1	1	1
" Mouth	1		1												1							1			
" Nates	1		1													1						1			
" Scrotum	1	1														1						1			
" Senile	6	4	2														5	1				6			1
Goitre Exophthalmic	1		1											1								1			
Gout	4	2	2	1						1			1			1	1					3	1		
Granular Kidney	1		1									1										1			
Heart Clot	19	4	15	1	3	1		3				3	4	6		2						15	4	1	2
Hemorrhage from Bladder	1	1														1						1			
" " Bowels	15	10	5	2	3	4					1	3	4	1	2							10	5	1	2
" " Brain	5	3	2	3		3						1					1					2	3		3
" " Lungs	53	29	24	5		2					3	9	7	9	10	7	4	2				48	5	1	8
" " Prostate Gland	1	1															1					1			
" " Stomach	11	7	4	1	1	1					1	1		1	5	2						9	2		1
" " Stomach and Bowels	2	1	1														1	1				2			

Digitized by Google

PAGE 24—Continued.

CAUSES OF DEATH.	NATIVITY. U. States.	Foreign.	Unknown.	WARDS. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fever, Urethal	1		...	...	...	...	...	...	...	1	...	...	...	...	...	...	..	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
" Yellow	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		2	...	...	...
Fracture of Ankle	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		..	..	1	...	...	...	...		...	..	...	...
" Femur	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
" Hip		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
" Leg	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1		...	...	...	...	...	...	...		...	...	...	...
" Pelvis	1		...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...		...	...	...	...	1	...	...		...	...	...	...
" Ribs	1	1	...	...	...	...	...	...	...	..	...	1	...	...	...	...	1	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
" Skull	5	3	...	...	...	...	...	...	...	2	...	1	...	...	...	...	1	...	...	...	1	1	...	...	...	...	...	1	...		1	...	...	...
" Thigh	1	2	...	...	2	...	..	...	...	...	...	...	1	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		..	...	...	...
Gall Stone	1		...	...	..	...	...	...	...	...	1	...	...	...	...	...	..	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
Gangrene	3		...	...	...	..	...	...	...	...	...	...	1	...	...	...	...	...	...	...	..		...	...	...	...	...	..	...	1	...	...	...	1
" Back		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1		...	...	...	...	...	...	...		...	...	...	...
" Bowels	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...		...	...	...	...	...	1	...	...		..	...	...	...
" Foot	8	1	1	1	...	2	...	...	...	1	1	...	1	...	...	...	...	1	...	...	1		...	...	1	...	...	...	...		...	...	...	1
" Leg	1	1	...	..	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
" Lower Extremities	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	1	..	...	...		...	...	...	...
" Lungs	5	2	1	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	1	1	2	...
" Mouth	1		...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	..		...	...	...	...	...	...	...		...	...	...	...
" Nates	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1		...	...	...	...	...	...	...		...	...	...	...
" Scrotum	1		...	1	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
" Senile	2	4	...	...	...	..	...	...	...	1	...	...	...	1	...	...	1	1	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...
Goitre Exophthalmic	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...		...	...	1	...	...	...	...		...	...	...	...
Gout	3		1	...	1	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...		...	...	...	...	...	1	...		...	...	...	...
Granular Kidney		1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
Heart Clot	9	7	3	1	...	...	1	1	..	1	...	...	...	...	...	..	1	1	...	...	...	1	2	...	...	1	1	...	...	5	...	2	1	...
Hemorrhage from Bladder	1		...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
" " Bowels	11	3	1	4	1	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...		1	...	1	...	2	1	1	1	...	1	...	...
" " Brain	4	1	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1		...	...	...	...	...	...	...		...	2	...	...
" " Lungs	27	24	2	4	...	2	1	5	...	8	...	1	...	1	2	2	3	2	1	2	2	1	1	...	1	1	...	1	2	3	1	3	2	1
" " Prostate Gland	1		...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
" " Stomach	5	6	...	...	...	...	...	...	1	2	...	...	...	...	...	...	...	1	...	...	...	1	1	...	...	1	1	2	...		1	...	...	...
" " S. and Bowels	1		1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		1	...	...	...

Digitized by Google

TABLE VIII.—Continued.

CAUSES OF DEATH.	Totals.	Males.	Females.	Boys.	Girls	AGES. Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120	Adults.	Minors.	Alms-house.	People of color.
Hemorrhage from Uterus	21		21		1						1	8	10	1	1							20	1		1
" Secondary	3	2	1									2	1									3			
" Umbilical	9	5	4	5	4	9																	9	1	1
" Vicarious	1		1		1						1												1		
Hernia	14	6	8	2		1			1					2	2	5	1	2				12	2		
" Scrotal	1	1													1							1			
" Strangulated	12	5	7										1	1	3	3	2	2				12			1
Hooping Cough	103	38	65	37	65	68	27	7						1								1	102		5
Hydrophobia	3	2	1	1					1						2							2	1		
Hyperæmia of Lungs	1		1		1	1																	1		
Hypertrophy of the Heart	51	32	19	1							1	5	7	8	16	6	7	1				50	1		2
" " Liver	4	2	2										1	1		1	1					4			1
" " Prostate Gland	1	1																1				1			
Hysteria	1		1									1										1			
Inanition	380	209	171	194	145	311	15	7	5		1	4	9	2	9	7	9	1				41	339	56	19
Induration of Liver	2	1	1											1	1							2			
" of Lungs	1	1										1										1			
Infiltration of Heart	1		1		1				1														1		
Inflammation of Bladder	24	21	3	1							1	1	1		2	8	7	4				23	1		
" Bone	1	1		1						1													1		
" Brain	381	207	174	167	143	126	72	69	29	12	2	18	17	15	6	9	6					71	310	5	22
" Bronchi	297	151	146	105	96	118	57	16	6	1	3	9	9	9	9	30	19	10	1			96	201	3	26
" Ear	2	2		2		1			1														2		
" Heart	1		1									1										1			1
" Kidneys	31	15	16	4	3			2	1	2	1	8	4	6	1	3	2					24	7		2
" Knee Joint	2	1	1	1					1				1									1	1		
" Larynx	43	23	20	15	18	3	7	18	5			3	4		2		1					10	33		
" Liver	54	32	22	5	1	3	1		1		1	2	12	10	6	10	7	1				48	6		
" Lungs	1,003	527	476	191	148	155	72	62	16	12	22	74	109	102	114	126	99	37	2	1		664	339	19	70
" Parotid Gland	2	1	1	1	1	1	1																2		
" Pericardium	48	24	24	4	8	1	1	1	1	6	2	11	3	1	6	6	4	5				36	12		1
" Peritoneum	193	71	122	19	21	7		1	8	11	13	45	40	26	14	12	11	5				153	40	4	9
" Pleura	33	18	15	5		2	2				1	3	4	8	5	5	3					28	5	1	3

Digitized by Google

CAUSES OF DEATH.	NATIVITY.			WARDS.																														
	U. States.	Foreign.	Unknown.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Hemorrhage from Uterus	12	9	...	2	...	1	...	...	...	1	...	1	1	...	...	...	1	1	...	...	...	3	1	1	...	1	1	...	...	1	...	2	2	1
" Secondary	3		...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...		...	...	1	...	...	...	...	1	...	...	...	...
" Umbilical	9		...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	1	...	...	1		...	...	1	...	...	...	...	3	1	...	...	...
" Vicarious	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	1
Hernia	7	5	2	1	1	...	1	...	...	...	1	1	...	...	...	...	1	...	1	...	1	1	1	1	1	...	...	...	...		...	...	...	2
" Scrotal		1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
" Strangulated	6	5	1	1	2	...	...	1	...	...	...	...	1	...	1	...	...	...	...	...	...	1	...	...	...	...	2	...	...		2	1	...	...
Hooping Cough	103		...	4	5	3	1	...	...	4	3	1	1	3	3	1	1	2	2	4	4	10	3	4	2	6	7	5	11		6	4	...	3
Hydrophobia	1	2	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	1	...	...	...	1	...		...	..	...	...
Hyperaemia of Lungs	1		...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		1	...	...	...
Hypertrophy of the Heart	27	19	5	4	5	1	1	1	...	1	1	...	...	2	1	2	2	3	...	1	2		2	1	2	1	1	3	1	2	1	7	1	2
" " Liver	1	3	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...		...	..	...	1	...	...	...		...	...	...	...
" " Prostate Gland	1		...	...	...	...	...	...	...	1	..	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
Hysteria	1		...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
Inanition	353	17	10	23	20	2	8	5	2	16	7	1	4	1	3	3	5	23	3	9	15	19	14	7	8	6	18	13	21	72	11	12	7	22
Induration of Liver	2		...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...		...	...	...	...
" Lungs	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...		...	...	...	...
Infiltration of Heart	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	1	...	...		...	...	...	...
Inflammation of Bladder	11	13	...	1	...	...	...	...	...	1	1	...	1	1	...	..	1	...	1	1	...	2	...	...	2	1	3	1	...	2	1	2	1	1
" Bone	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	1	...	...		...	...	...	...
" Brain	354	24	3	26	15	7	12	5	1	12	7	4	17	6	8	5	14	19	1	16	16	16	20	5	7	11	21	22	17	18	7	19	12	15
" Bronchi	232	60	5	12	13	11	16	8	4	14	4	5	4	5	4	5	5	19	3	8	10	18	11	8	4	9	13	20	9	13	7	14	10	11
" Ear	2		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...		...	...	...	...
" Heart	1		...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
" Kidneys	25	6	...	...	1	1	2	...	...	2	...	2	1	1	...	...	3	2	1	1	2		1	...	1	1	...	3	1	1	1	1	2	...
" Knee Joint	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...		...	...	...	1
" Larynx	39	3	1	1	2	...	1	1	...	2	...	...	2	...	...	2	2	...	1	4	...	3	1	1	2	1	2	7	...		1	3	1	3
" Liver	22	31	1	4	...	3	2	1	1	1	2	1	...	...	...	1	2	2	...	1	4	4	5	...	1	2	3	3	2		2	3	1	3
" Lungs	655	305	43	45	31	16	37	29	7	57	28	18	31	17	16	12	26	53	16	20	35	55	50	28	37	19	46	42	35	68	30	48	36	15
" Parotid Gland	2		...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...		...	...	...	...	...	...	...		...	...	...	...
" Pericardium	34	13	1	5	1	1	4	1	1	4	...	1	4	1	1	...	...	3	...	3	2	4	1	...	2	...	1	2	...		1	1	3	1
" Peritoneum	129	56	8	12	8	2	4	2	1	15	1	8	4	1	1	1	7	13	7	4	7	10	11	4	6	7	8	7	6	11	6	13	2	4
" Pleura	19	11	3	...	1	...	...	2	2	5	...	...	...	...	1	1	1	...	...	...	3	3	2	1	1	2	...	...	3	4	...	...	1	...

Digitized by Google

TABLE VIII.—Continued.

CAUSES OF DEATH.	Totals.	Males.	Females.	Boys.	Girls.	AGES. Under 1 year.	1	2	5	10	15	20	30	40	50	60	70	80	90	100	110	Adults.	Minors.	Alms-house.	People of color.
							2	5	10	15	20	30	40	50	60	70	80	90	100	110	120				
Inflammation of the Pharynx	1	1		1		1																	1		
" " Prostate Gland	2	2															2					2			
" " Rectum	1		1										1									1			
" " Spine	5	1	4		3	1	1	1				1					1					2	3		1
" " Spinal Cord	1	1											1									1			
" " Spleen	1	1													1							1			
" " Stomach and Bowels	338	173	165	103	85	109	32	27	10	3	7	22	13	23	27	29	30	5	1			150	188	4	16
" " Throat	2	1	1	1	1			2															2		
" " Tonsils	7	3	4	3	3	2		4							1							1	6		
" " Trachea	3		3		3		1	1		1													3		
" " Uterus	11		11									5	3	2			1					11			
" " Veins	3	1	2										2	1								3			
" Catarrhal	1		1		1			1															1		
Imperforation of Bowels	1		1		1	1																	1		
Influenza	2	2		2		1	1																2		
Insanity	18	2	16									3	2	3	2	4	3	1				18			1
Intemperance	26	20	6									4	9	6	6	1						26		4	1
Intussusception	12	8	4	4	1	4					1	1			3	2	1					7	5		1
Jaundice	41	17	24	8	7	11	1	1	2			2	6	2	4	3	7	2				26	15	4	
Laryngismus Stridulus	4	4		4		2	2																4		1
Leucocythemia	2	1	1	1				1							1							1	1		
Lichen	1		1												1							1			
Locomotor Ataxy	3	3												1	1	1						3			
Lupus	1	1															1					1			
Malformation	12	8	4	8	4	12																	12		
" of the Heart	1		1		1	1																	1		
Mania-a-Potu	11	9	2									3	5	2	1							11		1	
Marasmus	613	322	291	310	282	462	89	32	5	2	2	3	4		1	2	7	4				21	592	11	69
Measles	8	3	5	3	5	5		3															8		1
Melanosis	1	1												1								1			
Mitral Regurgitation	4	4		2					1	1					2							2	2		
Murder	23	15	8									10	5	6	1	1						23			1
Necrosis	2	2		1			1								1							1	1		

Digitized by Google

CAUSES OF DEATH.	NATIVITY.			WARDS.																														
	U. States.	Foreign.	Unknown.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Inflammation of the Pharynx	1			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	1	...	...	...				
" " Pros'te Gl'nd	1	1		...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...				
" " Rectum	1			...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...				
" " Spine	5			...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	1		
" " Spinal Cord	1			...	...	...	..	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...				
" " Spleen		1		...	...	...	..	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...				
" " Sto'h & Bo'ls.	262	68	8	14	11	7	10	4	4	16	7	1	10	8	4	8	4	13	6	14	29	21	15	2	12	9	13	19	16	15	12	10	10	14
" " Throat	2			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	..	1			
" " Tonsils	7			1	...	...	...	...	...	...	...	2	...	...	1	...	...	1	...	...	...	...	1	...	...	...	1	...	...	...	...			
" " Trachea	3			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	1	...	..		...		
" " Uterus	6	5		1	1	1	...	...	...	...	...	...	...	...	...	...	...	2	...	2	...	...	...	...	1	...	...	1	..	1	1			
" " Veins	2	1		...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...				
" Catarrhal	1			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...				
Imperforation of Bowels	1			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1				
Influenza	2			...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...				
Insanity	11	6	1	1	...	1	1	...	...	...	...	2	...	...	...	1	1	...	...	2	...	1	1	...	1	...	2	1	...	2	...			1
Intemperance	7	11	8	1	1	...	1	3	...	1	...	1	...	...	...	1	2	2	...	1	3	2	1	...	...	1	...	1	...	4	...			
Intussusception	6	6		...	...	...	...	...	...	2	...	1	...	...	1	...	...	1	...	...	...	3	...	...	1	1	...	1	...	...	...	1		
Jaundice	26	12	3	2	1	3	...	...	...	1	...	...	...	...	2	...	...	2	...	2	1	3	2	1	2	1	2	1	2	6	...	4	1	2
Laryngismus Stridulus	4			...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...			1
Leucocythemia	1	1		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...			
Lichen		1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			1
Locomotor Ataxy	2	1		...	2	...	...	...	...	...	...	...	...	...	...	...	..	1	...	...	...	...	...	...	...	...	...	...	...	...	...			
Lupus	1			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	..	...	...	...	...	...	...			
Malformation	12			...	...	...	...	1	...	...	...	2	...	...	...	...	...	2	...	...	1	...	1	...	2	2	...	1	...	...	...			
" of the Heart	1			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...			
Mania-a-Potu	8	2	1	...	...	...	2	...	2	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	1	2	...		1	
Marasmus	594	16	3	36	26	10	18	16	12	29	9	2	3	9	19	15	12	18	16	24	38	44	29	6	12	12	25	38	25	25	12	22	15	36
Measles	8			...	...	1	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	3	...	...	...	...	...	...	1			
Melanosis	1			...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...			
Mitral Regurgitation	2	2		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	...	...	...	...	...	1	...	...	...			
Murder	15	4	4	2	1	...	...	2	...	2	1	1	1	...	2	...	1	...	...	1	1	2	...	1	...	...	...	...	...	2	1		1	1
Necrosis	1	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...			1

Digitized by Google

TABLE VIII.—Continued.

CAUSES OF DEATH.	Totals.	Males.	Females.	Boys.	Girls.	AGES.															Adults.	Minors.	Alms-house.	People of color.	
						Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120				
Neuralgia	1	1										1										1			1
" of the Heart	24	14	10	2				1			1	1	3	4		8	1	5				22	2		
" Lumbo Abdominal	1		1													1						1			
Obstruction of the Bowels	19	10	9	4	1	3			1		1		3	2	2	6	1					14	5		
" " Femoral Artery	1		1														1					1			
" of Gall Bladder	1	1														1						1			
" of Liver	2	1	1	1	1	2																	2		
Old Age	722	216	476													9	278	338	82	12	3	722		26	34
Ossification of the Heart	11	3	8										1			3	4	3				11			1
" of Valves of Heart	2	1	1											1			1					2			
Ozaena (Congenital)	1	1		1		1																	1		
Paralysis	317	155	162	5	8	3	1	2	2	3	2	10	26	25	43	72	82	43	2	1		304	13	11	18
Phlegmasia Dolens	1		1										1									1			
Poisoning, Laudanum	1	1												1								1			
" Morphia	2	2		1		1									1							1	1		
" Opium	3	2	1									1		1			1					3			
" Poison Vine	1		1		1	1																	1		
" Prussic Acid	1		1		1		1																1		
Purpura	2	1	1											1	1							2			
" Hemorrhagica	13	12	1	10		7	2	1					1	1		1						3	10		
Pyemia	51	36	15	11	2	3	2	2	4	1	1	4	10	8	12	4						38	13	3	1
Rheumatism	15	6	9		3					2	1	1	2	2	2	4	1					12	3		1
" of the Brain	2	2										1				1						2			
" " Heart	15	10	5	4				1	1	1	1	2	1	4	2		2					11	4		1
Rupture of the Aorta	4	4										1	1		1	1						4			
" " Aortic Valves	1	1													1							1			
" " Heart	1		1													1						1			
" " Uterus	3		3										3									3			
Sclerosis	2		2												1	1						2		1	
" of the Brain	1	1														1						1			
" " Cerebro Spinal	2	1	1											1			1					2		1	
" " Spine	1	1													1							1			
" " Spinal Cord	2	2														1	1					2			

Digitized by Google

CAUSES OF DEATH.	NATIVITY.			WARDS.																															
	U. States	Foreign.	Unknown.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Neuralgia	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
" of the Heart	14	9	1	...	...	1	...	...	...	1	2	2	2	...	...	...	...	...	...	...	1	2	2	2	...	...	3	...	1	...	2	1	...	1	1
" Lumbo Abdominal	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	
Obstruction of the Bowels	12	7	...	3	...	...	1	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	2	...	...	...	...	1	1	2	1	2	3	1	
" " Femoral Artery	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
" of Gall Bladder	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	
" of Liver	2	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Old Age	308	359	55	26	28	25	20	16	5	32	22	15	16	7	14	12	14	50	13	24	22	22	34	17	31	22	40	31	25	63	13	30	21	12	
Ossification of the Heart	7	4	...	...	...	...	...	...	...	3	...	...	...	...	...	1	2	...	...	...	...	...	2	1	...	...	...	...	...	...	...	1	1	...	
" of Valves of Heart	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	
Ozaena (Congenital)	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	
Paralysis	191	110	16	17	12	5	7	8	4	14	4	4	8	3	2	6	8	15	6	8	12	20	17	5	16	8	25	8	9	24	13	14	9	6	
Phlegmasia Dolens	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	
Poisoning, Laudanum	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	
" Morphia	2	...	...	..	..	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	
" Opium	2	1	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	
" Poison Vine	1	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	
" Prussic Acid	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Purpura	1	1	...	...	...	...	1	...	...	...	1	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
" Hemorrhagica	12	1	...	1	1	1	...	1	...	...	1	...	1	...	...	...	...	...	...	...	2	...	...	1	1	...	1	...	...	...	...	...	...	2	
Pyemia	29	17	5	4	1	2	...	3	1	1	1	3	...	2	...	...	1	4	...	2	...	...	...	1	1	1	4	1	5	7	2	3	1	...	
Rheumatism	8	7	...	...	1	...	1	...	1	1	1	1	...	1	...	...	1	...	...	...	2	...	3	...	...	...	1	...	...	...	...	1	...	...	
" of the Brain	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	
" " Heart	9	6	...	2	1	...	1	...	...	1	...	1	...	1	...	...	1	1	...	...	1	...	...	...	...	...	2	1	...	1	...	1	...	...	
Rupture of the Aorta	2	1	1	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	
" " Aortic Valves	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	1	...	...	...	...	...	
" " Heart	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
" " Uterus	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	
Sclerosis	...	1	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	
" of the Brain	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
" " Cerebro Spinal	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	
" " Spine	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
" " Spinal Cord	1	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	

Digitized by Google

TABLE VIII.—Continued.

CAUSES OF DEATH.	Totals.	Males.	Females.	Boys.	Girls.	AGES.															Adults.	Minors.	Alms-house.	People of color.	
						Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120				
Sciatica	1	1		1							1												1		
Scrofula	30	19	11	13	9	15	2	1	2	2		5	1		1	1						8	22	1	4
Septicæmia	32	9	23	2	1	2		1				7	9	5	4	4						29	3	1	
Shock	4	1	3									1					2		1			4			
" Puerperal	1		1										1									1			
" Surgical	1		1											1								1			
Small Pox	6	4	2	3	1				2	1		1	1	1								2	4		
Softening of the Brain	113	66	47		1					1		2	12	21	18	29	21	9				112	1	3	1
" " Heart	1		1												1							1			
" " Lungs	1	1										1										1			
" " Spinal Cord	3		3										1	1			1					3			
" " Stomach	2		2										1		1							2			
Sore Mouth	14	9	5	9	5	13	1																14		
" Throat	2	1	1	1	1	1				1													2		
Spasm of the Glott's	1	1		1		1																	1		
Starvation	1	1												1								1			
Spina Bifida	10	8	2	8	2	10																	10	1	1
Stenosis of the Aorta	1	1													1							1			
Strangulation	4	2	2	2	2	2	1			1													4		
Stone in the Bladder	1	1															1					1			
Strangulation of the Bowels	1	1		1		1																	1		
Stricture of the Bowels	1	1														1						1			
" " Œsophagus	6	6												2	3	1						6		1	
" " Rectum	1		1														1					1			
Struma	1		1		1	1																	1		
Suffocation	3	3		2		1	1							1								1	2		
Suicide, Arsenic	1	1														1						1			
" Cutting Throat	6	5	1									1			1	2	2					6			
" Cyanide of Potassium	2	2										1		1								2			
" Drowning	3	2	1									1	1				1					3			
" Hanging	14	11	3	1						1		2	2	2	5	2						13	1		
" Laudanum	4	4											4									4			
" Opium	1	1												1								1			

Digitized by Google

CAUSES OF DEATH.	NATIVITY. U. States.	Foreign.	Unknown.	WARDS. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Sciatica	1																										1							
Scrofula	28	1	1	1	1	2	1	3		2		1		2	1		2			1		1			1		2	3	1	3	1	1		
Septicæmia	19	10	3	1	2		1	1		2	2			2			1	3			1	1	1		3	1	2		2	2		2		2
Shock	1	3				1																	1				1		1					
" Puerperal		1			1																													
" Surgical		1													1																			
Small Pox	5	1						1																			5							
Softening of the Brain	57	47	9	9	4	4	1	1	3	3	2	2	7	1	2	5	4	4		1	3	6	4	2	5	3	6	6		11	4	3	3	4
" " Heart		1																													1			
" " Lungs		1											1																					
" " Spinal Cord	2	1									1							1			1													
" " Stomach	1	1																1															1	
Sore Mouth	14			1							1			1			1		2		1	1	1				2	1		1	1			
" Throat	2																					1						1						
Spasm of the Glottis	1																						1											
Starvation			1						1																									
Spina Bifida	10								1	1								1					1				1	1	1	2				1
Stenosis of the Aorta		1												1																				
Strangulation	4			1																			1				1			1				
Stone in the Bladder	1									1																								
Strangulation of the Bowels	1																	1																
Stricture of the Bowels		1								1																								
" " Œsophagus	1	4	1			1			1									2		1										1				
" " Rectum		1																										1						
Struma	1																					1												
Suffocation	2	1		1					1											1							1							
Suicide, Arsenic	1																																	
" Cutting Throat	2	3	1				1															1		2		1		1						
" Cyanide of Potassium	1	1									1							1																
" Drowning	1	2												2																1				
" Hanging	6	6	2				1	1	1		1	1							1		2		1	1			1		1	1	1			
" Laudanum	3	1												1	1						1										1			
" Opium		1										1																						

Digitized by Google

TABLE VIII.—Continued.

CAUSES OF DEATH.	Totals.	Males.	Females.	Boys.	Girls.	AGES.															Adults.	Minors	Alms-house.	People of Color.	
						Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120				
Suicide, Poison	1	1										1									1				
" Prussic Acid	1	1												1							1				
" Run over on Railroad	2	2											1	1							2				
" Shooting	15	14	1									2	1	6	4	2					15				
" Strychnine	1	1														1					1				
Sun Stroke	3	2	1	1		1							1	1							2	1			
Suppression of the Urine	2	2		1		1										1					1	1			
Syncope	3	1	2	1	1	1				1		1									1	2			
Syphilis	34	20	14	17	10	24	2	1				1	3	2	1						7	27	8	3	
Tabes Mesenterica	19	8	11	5	10	9	1	2	1	1	1	2	1				1				4	15		1	
Teething	34	20	14	20	14	23	11															34		1	
Tetanus	30	23	7	10	5	4			2	6	3	3	7	2		2	1				15	15		2	
Thrombosis	2	2		1			1								1							1	1		
" of the Heart	1		1														1				1				
" " Lung	1		1															1			1				
" " Pulmonary Artery	1		1									1									1				
Trismus Nascentium	15	11	4	11	4	15																15			
Tumor of the Bladder	2	1	1											1			1				2				
" " Bronchi	1	1												1							1				
" " Brain	7	2	5		2			1	1			3	1	1							5	2	3	3	
" " Larynx	3		3		3		1	1	1													3			
" " Liver	3	2	1											2	1						3				
" " Pharynx	1		1											1							1			1	
" " Right Thigh	1		1		1						1											1			
" " Uterus	9		9									1		8							9				
" Abdominal	3		3		1		1						1				1				2	1			
" Fungus	1		1															1			1				
" Ovarian	14		14									3	2	3	2	2	2				14		1		
Tympanitis	1	1		1						1												1			
Typhlitis	2	1	1	1							1		1								1	1		1	
Ulceration of the Bowels	13	8	5		1		1					3	3	1	3	1	1				12	1			
" " Leg	2	1	1														2				2				
" " Pharynx	2	1	1	1			1									1					1	1			

Digitized by Google

CAUSES OF DEATH.	NATIVITY.			WARDS.																														
	U. States	Foreign.	Unknown.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Suicide, Poison	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" Prussic Acid	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" Run over on Railroad	...	1	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" Shooting	5	9	1	1	1	...	...	1	...	1	...	...	1	1	...	...	1	1	...	1	...	1	...	1	...	1	1	..	1	...	..	1	...	...
" Strychnine	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sun-stroke	2	1	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Suppression of Urine	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
Syncope	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	1	...	...	...	...	...	...
Syphilis	33	1	...	...	...	1	3	1	...	1	...	1	...	1	...	2	...	4	...	1	...	2	...	...	...	...	...	2	1	14	...	...	...	...
Tabes Mesenterica	17	2	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	2	3	...	1	1	...	1	2		1	1	...	1
Teething	34	...	...	...	1	2	3	...	...	1	...	1	1	1	1	1	1	...	1	2	2	2	2	3	1	...	...	3	1		1	...	...	3
Tetanus	19	9	2	...	1	...	1	1	...	2	...	2	1	...	1	1	...	2	2	1	1		...	2	...	1	2	3	1		1	3	...	1
Thrombosis	1	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		1	...	...	...
" of the Heart	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	1	...
" " Lung	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...
" " Pulmo'y Artery	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...
Trismus Nascentium	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	...	...	...		2	1	...	...	1	1	1	1	2	3	...	...
Tumor of the Bladder	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...		...	...	...	...
" " Bronchi	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...
" " Brain	5	...	2	1	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...		...	...	1	...	...	...	...	2	...	...	1	...
" " Larynx	3	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	1	...	...		...	...	...	...
" " Liver	...	3	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		1	...	...	...	...	...	...		...	...	1	...
" " Pharynx	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
" " Right Thigh	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	1	...	...	...	...		...	...	...	...
" " Uterus	7	2	...	...	...	1	...	...	...	1	..	...	...	...	...	...	...	...	...	...	2		2	...	...	...	...	...	...	1	...	2	...	...
" Abdominal	2	1	...	...	...	...	..	...	...	...	...	...	...	...	...	...	1	...	...	...	...		...	...	1	...	1	...	...		...	...	...	...
" Fungus	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	1	...		...	...	...	...
" Ovarian	8	5	1	...	1	...	...	...	...	...	...	1	1	1	...	...	...	1	...	...	...	1	...	...	...	...	...	2	...	2	...	1	1	2
Tympanitis	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
Typhilitis	1	1	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...
Ulceration of the Bowels	8	4	1	...	1	...	...	...	...	...	1	...	...	2	1	...	...	..	1	1	2		...	...	...	...	1	...	...		1	2	...	...
" " Leg	1	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...		...	...	...	...	...	...	...		...	...	...	...
" " Pharynx	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	1	...	1	...	...	...	...

Digitized by Google

TABLE VIII.—Continued.

CAUSES OF DEATH.	Totals.	Males.	Females.	Boys.	Girls.	AGES.															Adults.	Minors.	Alms-houses.	People of color.	
						Under 1 year.	1 to 2	2 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120				
Ulceration of the Stomach	11	7	4									1	2	1	3	2	2					11			
" " Uterus	1		1												1							1			
" " Thigh	1	1														1						1			
Unknown	10	7	3	7		6			1				1	1		1						3	7		1
Uraemia	57	37	20	6	5	2			3	2	4	4	8	7	10	8	6	3				46	11	5	2
Worms	1		1		1			1															1		
Wounds	1		1														1					1			
" Gun Shot	15	15		8					1	3	4	2	2	2		1						7	8		
Totals	15473	7888	7585	3718	3178	3505	1034	985	498	267	407	1523	1536	1273	1275	1277	1147	624	105	14	3	8777	6696	427	928

The number of deaths reported for the year 1879		15,473
White	14,545	
Colored	928	15,473
Males	7,888	
Females	7,585	15,473

Digitized by Google

CAUSES OF DEATH.	NATIVITY. U. States.	Foreign.	Unknown.	WARDS. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Ulceration of the Stomach	7	3	1	...	...	1	1	...	...	1	...	...	1	...	...	...	...	1	...	...	...		1	1	1	1	1	...	1		...	...	...	...
" " Uterus		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	1	...		...	...	...	...
" " Thigh		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...		...	...	...	...	...	...	...		...	...	...	...
Unknown	9	1	...	...	1	1	1	...	...	1	...	...	1	...	...	...	...	...	1	...	...		...	...	...	1	...	...	...		...	2	1	...
Uræmia	38	14	5	1	1	...	...	2	1	2	...	...	3	1	1	...	2	2	...	5	2	5	1	3	...	...	3	4	2	8	2	3	1	2
Worms	1		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	1	...	...	...		...	...	...	...
Wounds		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...		...	...	...	...	...	...	...		...	...	...	...
" Gunshot	10	5	...	1	...	...	...	2	...	2	...	...	...	...	...	1	...	...	...	...	1		...	...	2	...	1	...	...	1	1	2	1	...
Totals	11214	3576	683	822	597	364	464	370	185	703	342	218	350	290	228	274	365	787	283	445	641	856	676	328	462	412	724	641	613	*967	446	691	446	483

The number of male adults	4,370	
" female adults	4,407	
" male children	3,518	
" female children	3,178	
		15,473

* Deduct deaths in Alms-house, 427; actual deaths in Twenty-seventh Ward, 540.

Digitized by Google

The mortality of adults amounted to eight thousand seven hundred and seventy-seven (8,777), an increase over the previous year of four hundred and nineteen (419); and the mortality of children, six thousand six hundred and ninety-six (6,696), a decrease from the previous year of six hundred and eighty-nine (689).

The number born in the United States amounted to eleven thousand two hundred and fourteen (11,214); three thousand five hundred and seventy-six (3576) were of foreign birth, and six hundred and eighty-three (683) whose nativities were unknown.

Abscess.—The number of deaths amounted to eighty-two (82), an increase over the previous year of five (5); fifty-four (54) were adults, and twenty-eight (28) were children.

Cancer.—The number of deaths so reported amounted to three hundred and sixty-four (364), a decrease from the previous year of sixteen (16). For the classification of this disease see Table VI.

Cerebro-spinal Meningitis.—The deaths so reported amounted to sixty-two (62), a decrease of twenty-eight (28) from previous year; fifteen (15) were adults, and forty-seven (47) were children; thirty-one (31) were males and thirty-one (31) were females; thirty-one (31) were under five years of age.

Consumption of Lungs.—The number of deaths reported under this head amounted to two thousand four hundred and eighty-one (2,481), a decrease of ten (10) from previous year; two thousand one hundred and ninety-six (2,196) were adults, and two hundred and eighty-five were children; one thousand five hundred and forty-five (1,545) were natives of the United States; eight hundred and one (801) were foreigners, and one hundred and thirty-five (135) whose nativities were unknown.

The deaths in each month of the year were as follows:

January, - -	289	July, - - -	217
February, - -	211	August, - -	178
March, - -	253	September, - -	179
April, - -	220	October, - -	219
May, - - -	177	November, - -	186
June, - - -	160	December, - -	192

Digitized by Google

The largest number of deaths occurred in the month of January, and the lowest in the month of June.

The average deaths from this disease in each month, - - 207
The average deaths from this disease in each week, - - 47
The average deaths from this disease in each day, - - - 6

The number of deaths from consumption, of both sexes, for the past eighteen years, was as follows:

Years.	Males.	Females.	Total.
1862	961	988	1,949
1863	966	989	1,955
1864	1,087	1,002	2,089
1865	1,020	1,006	2,026
1866	994	950	1,944
1867	942	1,005	1,947
1868	1,000	995	1,995
1869	982	993	1,975
1870	1,118	1,190	2,308
1871	1,099	1,138	2,337
1872	1,167	1,163	2,330
1873	1,093	1,198	2,291
1874	1,133	1,171	2,304
1875	1,185	1,174	2,359
1876	1,288	1,388	2,676
1877	1,142	1,207	2,349
1878	1,154	1,337	2,491
1879	1,233	1,248	2,481

Cholera Infantum.—The deaths so reported amounted to eight hundred and four (804), an increase of one hundred and four (104).

Digitized by Google

Cholera Morbus.—The number of deaths from this disease amounted to twenty-seven (27); twenty-two (22) were adults and five (5) were children.

Diphtheria.—The number of deaths so reported amounted to three hundred and twenty-one (321), a decrease from previous year of one hundred and forty-three (143); one hundred and forty-seven (147) were males, and one hundred and seventy-four (174) were females; eleven (11) were adults, and three hundred and ten (310) were children. The following statement will show the number of deaths from this disease for the past twelve years:

Years.	Male adults.	Female adults.	Male children.	Female children.	DEATHS IN EACH QUARTER.				
					1st.	2d.	3d.	4th.	Total.
1868.....	2	3	51	63	26	24	17	52	119
1869.....	3	5	75	99	42	48	37	55	182
1870.....	4	4	68	96	33	25	31	83	172
1871.....	3	3	71	68	48	32	29	36	145
1872.....	5	5	61	79	52	28	25	45	150
1873.....	1	2	56	51	45	25	17	23	110
1874.....	1	4	80	94	30	28	20	101	179
1875.....	6	7	314	325	116	158	142	236	652
1876.....	10	8	330	360	219	192	103	194	708
1877.....	6	7	182	263	120	97	84	157	458
1878.....	6	11	218	229	135	81	90	158	464
1879.....	6	5	141	169	130	57	46	88	321

Fever, Scarlet.—The deaths from this disease amounted to three hundred and thirty-six (336), a decrease from previous year of two hundred and eighteen (218); four (4) were adults, and three hundred and thirty-two (332) were children.

The deaths in each month of the year were as follows:

January, - -	45	July, - -	31
February, - -	34	August, - -	16
March, - - -	54	September, - -	12
April, - - -	41	October, - -	14
May, - - -	27	November, - -	17
June, - - -	31	December, - -	14

Digitized by Google

Hooping Cough.—The number of deaths so reported amounted to one hundred and three (103); one (1) adult, and balance were children.

Hydrophobia.—The number of deaths from this much dreaded disease amounted to three (3); two (2) males and one (1) female. The following statement of deaths from 1860 to 1879, inclusive, will prove of interest.

Years.	Deaths.	Years.	Deaths.
1860		1871	1
1861	1	1872	1
1862	4	1873	1
1863	6	1874	3
1864	3	1875	2
1865	2	1876	4
1866	2	1877	4
1867	2	1878	2
1868		1879	3
1869	7		
1870	1	Total	49

Inflammation of the Lungs.—The deaths so reported amounted to one thousand and three (1,003), an increase over previous year of one hundred and sixty-one (161); six hundred and sixty-four (664) were adults, and three hundred and thirty-nine (339) were children; five hundred and twenty-seven (527) were males, and four hundred and seventy-six (476) were females.

Old Age —Seven hundred and twenty-two (722) persons died of old age, of whom two hundred and seventy-eight (278) were between the age of seventy and eighty; three hundred and

Digitized by Google

thirty-eight (338) between eighty and ninety; eighty-two (82) between ninety and one hundred; twelve (12) between one hundred and one hundred and ten; and three (3) between one hundred and ten and one hundred and twenty.

Small Pox.—The number of deaths amounted to six (6), four (4) males and two (2) females; three deaths occurred towards the close of the year.

Suicide.—The number of deaths so reported amounted to fifty-one (51); three (3) of which were of females and forty-eight (48) of males; of whom one (1) was a boy between ten and fifteen years of age; twenty-one (21) were natives of the United States; twenty-four (24) were of foreign birth; and of six (6) the nativities were unknown. The various modes adopted were as follows:

Arsenic,	1	Opium,	1
Cutting throat,	6	Poison,	1
Cyanide of potassium,	2	Prussic acid,	1
Drowning,	3	Run over on railroad,	2
Hanging,	14	Shooting,	15
Laudanum,	4	Strychnine,	1

Sun Stroke.—Three (3) deaths reported under this head; two (2) males and one (1) female.

Tumor.—The number of deaths reported under this head was forty-five (45); six (6) of whom were males and thirty-nine (39) were females. They were classed as follows:

Bladder,	2	Thigh,	1
Bronchi,	1	Uterus,	9
Brain,	7	Abdominal,	3
Larynx,	3	Fingers,	1
Liver,	3	Ovarian,	14
Pharynx,	1		

Poisoning.—The number of deaths from accidental poisoning amounted to eight (8), five (5) males and three (3) females; five (5) were adults and three (3) were children. They were classified as follows: laudanum, one (1); morphia, two (2); opium, three (3); poison vine, one (1); prussic acid, one (1).

Digitized by Google

TABLE IX.

The following table shows the percentage of deaths during specified periods of life, compared with a similar statement of the mortality in the year 1878. Still-births excluded.

		1878.			1879.		
Under	1 year,	3,534	Being	22.44 per cent.	3,505	Being	22.65 per cent.
1 to	2 "	1,127	"	7.15 "	1,034	"	6.68 "
2 "	5 "	1,324	"	8.41 "	985	"	6.36 "
5 "	10 "	646	"	4.10 "	498	"	3.21 "
10 "	15 "	253	"	1.60 "	267	"	1.72 "
15 "	20 "	501	"	3.18 "	407	"	2.63 "
20 "	30 "	1,495	"	9.49 "	1,523	"	9.84 "
30 "	40 "	1,522	"	9.66 "	1,536	"	9.92 "
40 "	50 "	1,268	"	8.05 "	1,273	"	8.22 "
50 "	60 "	1,161	"	7.37 "	1,275	"	8.24 "
60 "	70 "	1,180	"	7.49 "	1,278	"	8.25 "
70 "	80 "	1,081	"	6.86 "	1,146	"	7.40 "
80 "	90 "	556	"	3.53 "	624	"	4.03 "
90 "	100 "	87	"	.55 "	105	"	.67 "
100 "	110 "	8	"	.05 "	14	"	.09 "
110 "	120 "				3	"	.019 "

The number of children under ten years of age, amounted to six thousand and twenty-two (6,022), or 38.90 per cent. of the total mortality, a decrease from the previous year of six hundred and nine (609).

Digitized by Google

TABLE X.—*The number of Deaths in each Week, in the City of Philadelphia, with the Age, Sex, Nativity, and Wards, for the year 1879.* (*Still-born excluded.*)

1879. Weeks ending	Totals.	Males.	Females.	Boys.	Girls.	AGES.																Adults.	Minors.	Alms-house.	People of color.
						Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120				
January 4	313	149	164	69	59	54	23	24	13	6	8	25	33	25	24	29	24	17	7	1		185	128	5	15
" 11	359	185	174	81	69	63	28	27	17	7	8	33	39	29	32	29	27	15	3	2		209	150	7	17
" 18	361	176	185	70	72	55	22	26	18	8	13	33	38	26	41	26	35	17	3			219	142	5	21
" 25	324	176	148	76	59	54	23	32	13	3	10	26	35	27	28	24	25	20	2	2		189	135	6	27
February 1	391	196	195	95	65	71	23	32	14	6	14	37	35	31	37	41	27	20	3			231	160	5	17
" 8	353	166	187	55	71	57	20	22	16	9	2	41	32	35	29	28	38	19	4		1	227	126	9	17
" 15	349	187	162	88	49	61	23	28	11	7	7	37	48	27	28	28	22	16	6			212	137	14	21
" 22	353	180	173	81	73	62	31	32	10	7	12	43	32	18	23	43	21	18	1			199	154	14	22
March 1	308	147	161	61	61	47	18	18	11	9	9	25	31	26	33	31	35	13	2			196	112	8	17
" 8	311	157	154	54	62	53	17	26	7	6	7	34	30	26	23	39	18	15	3	1		195	116	7	21
" 15	284	133	151	67	53	59	22	19	7	7	6	24	26	23	27	25	23	15	1			164	120	5	13
" 22	278	144	134	61	58	52	17	27	11	3	9	22	27	28	18	33	18	13				159	119	9	17
" 29	309	170	139	67	54	50	14	33	8	7	9	41	21	22	22	30	31	17	3	1		188	121	9	23
April 5	286	144	142	62	59	58	20	26	8	4	5	25	32	25	17	19	34	13				165	121	7	23
" 12	286	138	148	59	47	52	16	17	10	4	7	31	33	23	22	25	28	15	3			180	106	3	14
" 19	334	186	148	75	56	57	26	28	9	4	7	46	34	28	34	23	20	13	5			203	131	5	29
" 26	311	161	150	61	55	61	14	25	9	4	3	30	27	32	26	26	37	13	3		1	195	116	8	23
May 3	319	149	170	64	67	70	17	20	9	8	7	39	29	26	24	32	22	14	2			188	131	5	19
" 10	296	157	139	63	59	73	14	13	8	4	10	24	31	28	20	31	26	11	2		1	174	122	4	8
" 17	264	134	130	57	58	61	18	13	8	3	12	22	23	25	24	24	21	10				149	115	8	18
" 24	261	127	134	47	43	42	14	13	6	7	8	36	28	26	18	24	23	14	2			171	90	6	17
" 31	231	131	100	60	41	46	13	17	9	10	6	20	35	21	10	19	20	5				130	101	12	9
June 7	274	149	125	77	53	68	21	15	11	3	12	22	27	24	26	12	19	10	3	1		144	130	13	25
" 14	239	126	113	59	52	43	19	21	12	10	6	24	21	21	19	24	12	7				128	111	7	13
" 21	240	120	120	55	49	54	11	12	11	7	9	19	26	25	18	15	18	12	1	2		136	104	9	10
" 28	253	146	107	65	44	51	22	16	10	4	6	35	29	16	24	16	15	8	1			141	109	10	14

Digitized by Google

Page 44—Continued.

1879. Weeks ending	Nativity.			Wards.																														
	United States.	Foreign.	Unknown.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
January 4	214	88	11	15	10	8	7	10	3	16	8	5	7	3	5	6	11	19	4	14	16	18	9	4	3	5	15	17	15	15	6	18	13	8
" 11	260	82	17	20	14	8	9	12	2	13	14	7	7	5	5	4	10	11	7	5	20	20	13	9	13	9	20	18	9	25	12	14	7	17
" 18	247	103	11	26	14	9	9	6	5	13	8	8	3	7	3	6	10	15	6	7	18	12	18	7	11	11	16	24	19	16	7	26	8	13
" 25	235	76	13	15	11	7	9	10	4	17	11	6	4	9	4	1	8	16	4	10	14	26	11	7	7	8	15	16	10	19	7	17	11	10
February 1	273	105	13	28	19	9	9	15	6	19	9	7	7	9	5	6	4	20	7	13	20	22	17	5	17	13	20	19	9	20	4	8	9	16
" 8	244	95	14	17	15	8	5	5	1	13	6	4	11	5	2	3	9	17	2	11	16	18	24	5	15	12	25	18	11	25	10	13	9	18
" 15	250	78	21	23	16	11	10	8	4	13	8	5	9	4	6	7	6	19	8	4	18	16	20	4	5	17	19	10	10	24	10	17	8	10
" 22	257	84	12	18	7	6	10	8	4	9	13	4	15	5	6	9	8	28	3	7	16	18	11	7	8	7	14	13	10	27	14	24	9	15
March 1	209	86	13	10	12	7	8	2	2	20	7	4	3	5	3	7	5	22	3	11	16	12	12	7	12	11	18	14	12	24	10	11	10	8
" 8	220	72	19	10	11	10	15	8	6	17	3	4	12	9	4	6	9	21	5	5	15	10	7	6	13	7	13	12	12	18	14	12	8	9
" 15	207	65	12	10	13	3	6	6	6	12	11	7	4	3	5	7	10	13	3	3	16	17	13	7	12	8	13	10	9	18	8	13	9	9
" 22	190	76	12	16	5	4	7	3	4	16	9	5	4	5	2	2	7	14	11	6	14	18	6	3	8	7	8	11	15	17	9	19	10	13
" 29	221	76	12	10	13	9	15	13	3	11	7	4	7	5	3	4	9	22	5	7	12	19	19	5	13	9	15	12	10	15	8	12	7	6
April 5	217	61	8	15	11	7	5	6	3	6	8	6	5	6	11	8	7	19	6	7	11	20	15	4	12	6	11	12	11	13	10	12	7	6
" 12	192	85	9	10	13	12	13	5	2	9	7	3	8	5	5	4	7	15	6	5	10	19	11	5	18	7	13	13	13	11	2	17	7	11
" 19	240	84	10	17	18	5	13	13	4	18	9	7	7	5	6	7	8	20	6	4	15	14	14	3	10	9	13	11	11	20	11	18	8	10
" 26	221	71	19	13	7	11	8	4	4	21	4	2	10	7	9	5	4	15	4	10	17	11	16	10	11	2	16	10	8	22	12	19	13	6
May 3	234	74	11	18	10	3	10	9	4	16	5	4	9	5	8	6	11	11	9	13	10	20	20	9	6	5	19	15	9	16	8	11	9	16
" 10	208	80	8	14	13	4	8	1	4	15	6	4	6	4	4	10	12	12	8	16	11	21	20	9	6	5	14	15	11	13	4	9	8	9
" 17	200	51	13	14	13	2	9	6	3	12	6	2	4	3		6	5	7	7	9	17	11	9	5	3	7	19	13	11	18	11	18	8	6
" 24	186	64	11	14	13	3	6	7	3	11	6	2	8	3	2	7	5	16	5	4	11	21	10	5	10	5	14	10	7	17	10	7	7	12
" 31	162	49	20	7	9	1	6	7	2	10	2	1	7	5	5	3	5	12	3	6	3	16	18	6	6	6	5	11	12	20	5	10	10	12
June 7	217	46	11	20	10	5	12	7	4	11	6	5	5	4	5	8	3	13	7	10	8	14	14	1	12	2	13	10	7	19	13	15	7	4
" 14	181	52	6	8	8	5	9	5	7	6	6	5	8	3		4	2	10	5	5	13	22	13	5	11	6	7	10	14	17		7	7	11
" 21	174	55	11	15	15	6	5	8		15	6	4	4	4	2	3	3	10	4	10	14	8	6	8	5	6	10	9	9	20	5	13	8	5
" 28	183	57	13	12	7	8	7	6	2	11	10	3	4	6	5	4	9	13	9	12	12	16	6	4	2	13	7	12	6	18	3	13	4	9

Digitized by Google

TABLE X.—Continued.

1879. Weeks ending	Totals.	Males.	Females.	Boys.	Girls.	AGES.															Adults.	Minors.	Alms-house.	People of color.	
						Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120				
July 5	305	153	152	85	76	100	20	19	11	3	8	20	24	22	28	19	22	6	3			144	161	9	16
" 12	425	237	188	130	99	147	38	18	9	4	13	26	33	35	32	27	30	11	2			196	229	7	24
" 19	421	209	212	129	118	167	38	20	4	4	14	33	34	23	27	21	24	8	4			174	247	9	23
" 26	405	189	216	110	133	175	39	11	7	3	8	21	28	20	31	24	22	12	4			162	243	12	26
August 2	329	175	154	97	83	128	20	21	5	3	3	26	32	14	27	23	14	11	1	1		149	180	9	25
" 9	391	215	176	125	118	165	42	15	5	5	11	31	28	18	17	25	19	9	1			148	243	13	25
" 16	346	170	176	103	101	136	39	10	10	3	6	26	25	22	23	19	16	10	1			142	204	12	13
" 23	294	133	161	76	78	105	25	7	9	1	7	29	28	18	16	21	14	14				140	154	14	14
" 30	314	172	142	78	75	94	26	12	8	4	9	32	31	31	23	15	18	10	1			161	153	9	17
September 6	345	169	176	75	90	105	20	21	9	1	9	37	43	19	25	31	12	10	3			180	165	9	20
" 13	232	123	109	42	49	55	10	12	5		9	22	25	20	30	20	14	8	2			141	91	7	14
" 20	269	146	123	62	51	62	13	9	9	10	10	25	32	24	24	21	18	9	2	1		156	113	9	23
" 27	253	124	129	50	56	61	21	9	4	6	5	27	22	19	24	25	21	7	2			147	106	9	19
October 4	232	117	115	46	39	44	14	13	7	3	4	30	23	22	23	15	22	11	1			147	85	10	16
" 11	226	121	105	50	30	36	11	11	8	6	8	28	27	22	25	18	14	10	2			146	80	8	16
" 18	228	117	111	57	48	58	16	11	7	5	8	19	16	23	17	26	12	10				123	105	8	13
" 25	248	124	124	44	49	40	15	12	13	7	6	39	31	29	17	18	15	5	1			155	93	7	7
November 1	225	117	108	33	33	33	12	13	7	5	6	26	24	23	23	16	24	11	1	1		149	76	4	14
" 8	237	111	126	47	45	40	14	15	10	7	6	23	32	26	19	18	20	6	1			145	92	13	23
" 15	287	149	138	62	49	46	23	20	11	4	7	33	28	23	31	23	25	11	2			176	111	10	20
" 22	254	127	127	49	49	41	10	18	9	5	15	32	30	20	19	22	22	9	2			156	98	9	13
" 29	238	124	114	36	39	30	9	18	12	3	3	22	30	30	20	31	23	7				163	75	7	12
December 6	265	129	136	47	54	41	14	28	13	1	4	30	24	34	27	13	20	12	3	1		164	101	3	17
" 13	282	130	152	35	55	40	13	15	9	6	7	32	30	27	27	29	28	18	1			192	90	10	16
" 20	261	125	136	58	39	45	8	23	13	7	1	28	24	24	22	29	20	14	3			164	97	5	19
" 27	274	148	126	53	44	37	18	22	8	4	8	32	30	22	25	32	19	15	2			177	97	4	10
Totals	15473	7888	7585	3518	3178	3505	1034	985	498	267	407	1523	1536	1273	1275	1277	1147	624	195	14	3	8777	6696	427	928

Digitized by Google

1879. Weeks ending	NATIVITY.			WARDS.																														
	United States.	Foreign.	Unknown.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
July 5	226	65	14	15	15	10	5	11	6	15	4	5	12	12	4	6	5	16	1	12	12	12	12	4	9	3	9	13	11	20	12	11	9	14
" 12	328	79	18	26	21	10	25	10	4	24	10	4	14	11	9	6	9	22	11	12	19	18	13	12	7	10	16	13	15	16	10	18	13	17
" 19	341	66	14	33	16	7	16	12	2	22	5	7	8	11	12	6	9	23	13	12	11	27	13	9	10	10	18	17	19	24	8	21	10	10
" 26	318	69	18	24	20	16	11	11	4	16	7	6	13	6	6	7	14	19	4	7	18	22	21	11	10	17	15	14	19	26	6	19	10	6
August 2	284	54	11	17	17	3	12	3	3	22	11	4	6	5	7	5	6	18	4	12	6	14	18	6	11	7	19	13	23	19	7	14	12	5
" 9	317	61	13	24	16	12	12	5	3	15	10	3	9	7	6	6	9	16	7	9	10	12	11	12	16	9	23	22	27	29	12	15	18	6
" 16	274	60	12	20	11	9	10	3	7	22	3	3	3	8	10	7	10	15	3	12	9	23	13	4	9	17	17	14	12	15	12	13	15	17
" 23	233	48	13	19	8	7	6	7	6	10	9	4	5	5	3	5	8	16	4	11	7	16	14	6	7	8	10	12	13	23	2	23	14	6
" 30	219	79	16	23	11	3	11	6	2	15	4	7	6	5	4	4	6	18	2	7	11	13	7	8	13	5	19	20	22	24	13	12	7	6
September 6	259	72	14	23	21	14	3	10	1	13	13	1	4	9	5	4	5	12	8	8	12	28	9	6	7	12	14	17	19	21	15	14	11	6
" 13	168	56	8	11	7	6	11	4	2	10	1	3	6	6	3	3	10	12	6	7	9	12	9	7	7	9	16	8	8	14	7	9	6	3
" 20	198	60	11	28	11	12	5	11	6	12	2	7	7	4	1	4	2	7	4	9	5	13	10	7	10	7	9	8	13	17	5	21	6	6
" 27	177	62	14	10	8	8	6	4	1	13	4	7	7		6	4	11	11	2	7	9	18	7	6	6	9	9	12	9	23	9	11	11	5
October 4	166	49	17	17	6	2	3	10	4	11	3	3	3	3	1	4	3	10	11	10	6	15	11	6	8	8	16	9	8	16	4	8	6	7
" 11	161	54	11	11	9	3	6	4	2	14	5	1	4	5	1	5	4	15	5	6	13	9	12	9	7	6	7	6	8	14	11	10	5	9
" 18	161	56	11	14	10	6	5	8	2	12	3	3	9	5	4	3	5	10	2	7	8	9	9	3	5	3	17	8	7	16	11	8	4	12
" 25	173	65	10	11	11	11	6	7	5	3	4	5	7	5	3	7	5	7	1	8	11	12	12	7	3	7	8	13	14	17	14	9	6	9
November 1	151	63	11	4	10	5	5	3	2	14	3	2	7	5	3	6	9	13	5	7	11	12	9	9	5	4	10	5	10	14	14	11	3	5
" 8	167	58	12	10	5	7	8	11	4	7	4	3	3	6	2	2	10	12	6	10	10	11	11	3	8	6	11	6	13	23	8	5	7	5
" 15	198	67	22	12	9	11	10	8	6	12	8	4	4	4	4	4	3	13	5	10	10	17	13	8	4	9	15	8	10	23	11	11	9	12
" 22	174	65	15	14	7	7	15	4	4	7	2	2	5	2	3	6	6	16	5	10	8	21	12	3	9	6	15	9	8	12	10	8	7	11
" 29	156	70	12	13	6	5	7	7		12	7	3	3	5	4	5	4	10	6	4	13	18	15	4	4	16	12	8	5	14	4	11	6	7
December 6	179	76	10	10	6	5	10	4	6	12	5	1	3	5	7	7	7	10	7	8	16	19	16	7	11	8	12	8	8	12	4	9	11	11
" 13	197	66	19	11	14	9	8	4	4	18	10	4	9	5	2	7	5	13	3	8	14	12	18	8	13	6	13	7	6	25	6	10	8	2
" 20	184	65	12	15	8	3	10	5	5	8	9	3	6	7	4	3	5	20	7	6	10	16	14	5	9	6	12	12	14	10	6	10	7	6
" 27	183	76	15	12	7	2	8	8	2	14	1	5	9	10	4	5	8	23	4	12	10	18	15	8	5	1	10	14	12	13	12	7	4	11
Totals	11214	3576	683	822	597	364	464	370	185	703	342	218	350	290	228	274	365	787	283	445	641	856	676	328	462	412	724	641	613	967	446	691	446	483

Digitized by Google

TABLE XI.—Deaths. *Adults and Children.*

(Premature births and still-born excluded.)

1879. Months.	Males.	Females.	Adults.	Children.	Total.
January	882	866	1,033	715	1,748
February	680	683	834	529	1,363
March	748	720	871	597	1,468
April	634	616	766	484	1,250
May	549	503	624	428	1,052
June	541	465	552	454	1 006
July	963	922	825	1,060	1,885
August	690	655	591	754	1,345
September	562	537	624	475	1,099
October	596	563	720	439	1,159
November	511	505	640	376	1,016
December	532	550	697	385	1,082
	7,888	7,585	8,777	6,696	15,473
	15,743		15,743		

Excess of males over females 303

Excess of adults over children 2,081

The largest mortality occurred in the month of July, one thousand eight hundred and eighty-five (1,885), and the lowest in the month of June, one thousand and six (1,006); the excess of males over females was three hundred and three (303), and the adults exceed the children two thousand and eighty-one (2,081). Premature births and still-born not included in the above figures.

Digitized by Google

TABLE XII.

Table of mortality in each ward, with the percentage of deaths to total mortality. (Still-births not included.)

WARDS.	Area in square miles.	Deaths.	Percentage of deaths to total mortality.
First	5.509	822	5.31
Second	.442	597	3.85
Third	.191	364	2.35
Fourth	.229	464	2.97
Fifth	.321	370	2.39
Sixth	.321	185	1.19
Seventh	.439	703	4.54
Eighth	.435	342	2.21
Ninth	.400	218	1.40
Tenth	.359	350	2.26
Eleventh	.210	290	1.87
Twelfth	.193	228	1.47
Thirteenth	.259	274	1.70
Fourteenth	.237	365	2.35
Fifteenth	1.049	787	5.08
Sixteenth	.281	283	1.82
Seventeenth	.251	445	2.87
Eighteenth	.650	641	4.14
Nineteenth	.742	856	5.53
Twentieth	.734	676	4.36
Twenty-first	7.129	328	2.12
Twenty-second	18.114	462	2.98
Twenty-third	42.716	413	2.66
Twenty-fourth	9.725	724	4.69
Twenty-fifth	13.660	641	4.14
Twenty-sixth	7.481	613	3.96
Twenty-seventh	11.680	540	3.48
Twenty-eighth	6.343	445	2.87
Twenty ninth	1.400	691	4.46
Thirtieth	.519	446	2.88
Thirty-first	.713	483	3.12
*Deaths in Almshouse		427	
Total	129.379	15,473	

Ratio of deaths, 1 in 58.25, or 17.17 per 1,000.

The highest mortality occurred in the Nineteenth Ward, eight hundred and fifty-six (856), or 5.53 per cent. of the total mortality; the lowest in the Sixth Ward, one hundred and eighty-five (185).

The following series of weekly tables of mortality, with the daily meteorological observations, will prove of interest for reference.

Digitized by Google

Week Ending Saturday, January 4, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Head		1
Asthma	1	
Apoplexy	5	
Bright's Disease	3	2
Burns and Scalds	1	2
Cancer of Breast	2	
" " Stomach	6	
" " Uterus	1	
Caries of Hip Joint		1
Casualties	1	1
Cerebro spinal Meningitis		1
Congestion of Brain	1	1
" Lungs	2	3
Child-Birth	2	
Cirrhosis of the Liver	2	
Compression of Brain	2	1
Consumption of Lungs	46	6
Concussion of Brain	1	
Convulsions	1	9
Croup		11
Cyanosis		3
Debility	3	2
Diarrhœa	2	
Diphtheria	1	14
Dropsy	2	1
" of the Brain		1
" " Chest	1	
" " Lungs		1
Disease of Brain		1
" " Heart	11	2
" " Liver	1	
Dysentery		1
Effusion on Brain	1	
Epilepsy	1	
Erysipelas	1	1
Fatty Degen. of Heart	1	
Fever, Puerperal	2	
" Scarlet		9
" Typhoid	2	1
Gangrene of Lung	1	
" " Mouth	1	
Hemorrhage from Lungs	2	
Hernia, Strangulated	1	
Hooping Cough		1
Hypertrophy of Heart	2	
Inflammat'n, Brain	4	3
" Bronchi	3	6
" Bladder	1	
" Kidneys	1	
Inflammat'n Larynx		3
" Liver	1	1
" Lungs	18	12
" Pericard'm		2
" Periton'm	2	
" Pleura	1	
" S. & Bow'ls	2	2
" Tonsils	1	
" Uterus	1	
Insanity	1	
Inanition		8
Laryngismus Stridulus		1
Marasmus	1	10
Measles		1
Neuralgia of the Heart	1	
Old Age	23	
Paralysis	3	
Scrofula	1	
Septicæmia	1	
Softening of Brain	4	
Spinal Curvature		1
Teething		1
Tumor of Bladder	1	
Ulceration of Stomach	1	
	185	128

Of the above there were:

Under 1 year	54
From 1 to 2	23
" 2 to 5	24
" 5 to 10	13
" 10 to 15	6
" 15 to 20	8
" 20 to 30	25
" 30 to 40	33
" 40 to 50	25
" 50 to 60	24
" 60 to 70	29
" 70 to 80	24
" 80 to 90	17
" 90 to 100	7
" 100 to 110	1

DEATHS IN EACH WARD.	
First	15
Second	10
Third	8
Fourth	7
Fifth	10
Sixth	3
Seventh	16
Eighth	8
Ninth	5
Tenth	7
Eleventh	3
Twelfth	5
Thirteenth	6
Fourteenth	11
Fifteenth	19
Sixteenth	4
Seventeenth	14
Eighteenth	16
Nineteenth	18
Twentieth	9
Twenty-first	4
Twenty-second	3
Twenty-third	5
Twenty-fourth	15
Twenty-fifth	17
Twenty-sixth	15
Twenty seventh	15
Twenty-eighth	6
Twenty-ninth	18
Thirtieth	13
Thirty-first	8

Nativity, &c.

United States	214
Foreign	88
Unknown	11
People of Color	15
From Almsho'se	5
Males	149
Females	164
Boys	69
Girls	59

Premature Birth.

Males	3
Females	2
Total	5

Still-Born.

Males	8
Females	11
Total	19

Digitized by Google

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE

WEEK ENDING SATURDAY, JANUARY 4, 1879.

Month and Day.	BAROMETER.				THERMOMETER.						REL. HUMIDITY			DIRECTION of WIND			VELOCITY OF WIND.			STATE OF WEATHER.			RAIN.
1878. DECEMBER.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 29	30.36	30.32	30.27	30.31	17	28	32	27.2	33	15	67	54	69	N W	W	S W	16	7	5	Cloudy	Clear	Cloudy	
Monday, 30	30.11	30.16	30.30	30.22	30	32	29	30.0	34	26	89	69	67	W	N W	W	8	22	7	Cloudy	Clear	Clear	.03
Tuesday. 31	30.44	30.35	30.33	30.36	23	32	30	28.7	37	21	60	50	68	W	W	W	5	8	9	Clear	Fair	Fair	
JAN. 1879. Wednes'y, 1	30.21	29.95	29.92	30.00	37	35	29	32.5	41	25	81	70	89	S W	S E	N E	3	6	8	Cloudy	Lt. Snow	Lt. Snow	.09
Thursday, 2	29.64	29.51	29.85	29.71	28	36	9	20.5	39	7	77	71	78	N E	W	W	7	16	20	Cloudy	Fair	Clear	.10
Friday, 3	29.86	29.75	29.75	29.78	0	10	9	7.0	12	3	71	58	57	W	W	W	16	23	22	Clear	Clear	Clear	
Saturday, 4	29.68	29.74	29.90	29.81	11	20	15	15.2	20	5	60	56	53	W	W	W	16	43	29	Cloudy	Clear	Clear	
Means.....				30.27	...	...	...	23.0	...	...							...	...	...				.22

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

Week Ending Saturday, January 11, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Arm	1	
" Lung	1	
Anemia		1
Apoplexy	6	
Bright's Disease	8	2
Burns and Scalds	3	2
Cancer of the Breast	1	
" " Knee		1
" " Liver	1	
" " Uterus	1	
Casualties	3	
Cerebro Spinal Meningitis	2	1
Congestion of Brain	2	5
" Liver	1	
" Lungs	4	2
Cholera Morbus	1	
Cirrhosis of the Liver	3	
Consumption of Lungs	48	2
Convulsions		15
Croup		17
Cyanosis		2
Debility	3	7
Diarrhœa		2
Diphtheria		9
Dropsy	1	1
" Abdominal	1	
" of the Brain		3
" " Heart	1	
" " Kidneys	1	
" " Lungs	1	
Disease of Heart	13	3
" Kidneys	2	
" Liver	1	
Drowned	1	
Dysentery	1	
Effusion on Brain	1	1
" " Heart		1
" " Pleura	1	
Enlargement of Heart		1
Erysipelas	3	
Exposure		1
Fatty Degeneration, Heart	2	
Fever, Scarlet		11
" Typhoid	7	1
Hemorrhage, from Lungs	3	
Hooping Cough		2
Hypertrophy of Heart	3	
Inflammation, Brain		5
" Bronchi	2	14
Inflammation, Bone		1
" Kidneys	1	1
" Larynx		3
" Liver	3	
" Lungs	19	11
" Pericard'm	1	
" Periton'm	5	
" S. & Bow'ls	7	2
Insanity	1	
Inanition	1	8
Jaundice		1
Malformation		1
Marasmus	1	7
Neuralgia of the Heart	1	
Old Age	21	
Obstruction of Bowels	1	
Paralysis	8	
Pyemia	1	
Scrofula		1
Septicæmia	1	
Softening of Brain	2	
Syphilis		1
Teething		1
Unknown	1	
	209	150

Of the above there were :

Under 1 year	63
From 1 to 2	28
" 2 to 5	27
" 5 to 10	17
" 10 to 15	7
" 15 to 20	8
" 20 to 30	33
" 30 to 40	39
" 40 to 50	29
" 50 to 60	32
" 60 to 70	29
" 70 to 80	27
" 80 to 90	15
" 90 to 100	3
" 100 to 110	2

DEATHS IN EACH WARD.	
First	20
Second	14
Third	8
Fourth	9
Fifth	12
Sixth	2
Seventh	13
Eighth	14
Ninth	7
Tenth	7
Eleventh	5
Twelfth	5
Thirteenth	4
Fourteenth	10
Fifteenth	11
Sixteenth	7
Seventeenth	5
Eighteenth	20
Nineteenth	20
Twentieth	13
Twenty-first	9
Twenty-second	13
Twenty-third	9
Twenty fourth	20
Twenty-fifth	18
Twenty-sixth	9
Twenty-seventh	25
Twenty-eighth	12
Twenty-ninth	14
Thirtieth	7
Thirty-first	17

Nativity, &c.

United States	260
Foreign	82
Unknown	17
People of Color	17
From Almsho'se	7
Males	185
Females	174
Boys	81
Girls	69

Premature Birth.

Males	5
Females	2
Total	7

Still-Born.

Males	10
Females	5
Total	15

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, January 11, 1879.

Month and Day.	Barometer.				Thermometer.						Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.
1879. JANUARY.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 5	30.02	29.94	29.98	29.98	11	19	17	16.0	20	10	60	69	83	W	N W	N W	12	28	18	Clear	Cloudy	Cloudy	*
Monday, 6	30.02	30.06	30.21	30.12	20	27	21	22.2	28	16	70	76	86	W	N W	W	10	26	12	Cloudy	Clear	Fair	
Tuesday, 7	30.39	30.38	30.34	30.36	19	30	27	25.7	33	16	54	78	76	W	W	S W	6	6	8	Fair	Fair	Clear	
Wednes'y, 8	30.16	30.00	30.03	30.06	32	39	39	37.2	41	22	79	73	91	S W	S W	S W	6	15	8	Cloudy	Cloudy	Lt. Rain	.07
Thursday 9	29.80	29.46	29.63	29.63	37	37	30	33.5	46	26	100	100	68	N E	N E	N W	8	11	32	Lt. Rain	Lt. Rain	Clear	1.48
Friday, 10	30.28	30.45	30.54	30.45	25	26	26	25.7	28	19	75	75	75	N W	W	W	20	19	4	Cloudy	Clear	Clear	
Saturday, 11	30.49	30.35	30.32	30.37	28	35	38	34.7	39	22	77	53	45	S W	S W	N W	4	14	4	Cloudy	Cloudy	Cloudy	
Means				29.96				27.8															1.55

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea

Barometer corrected for temperature, elevation above sea, and instrumental error. * Precipitation too small to measure.

Digitized by Google

Week Ending Saturday, January 18, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Liver	1	
Aneurism, Thoracic	1	
Asthma	2	
Apoplexy	5	
Bright's Disease	1	1
Burns and Scalds		1
Cancer of Breast	3	
" Pylorus	1	
" Rectum	1	
" Stomach	2	
" Uterus	1	
Casualties	6	
Cellulitis	1	
Cerebro Spinal Meningitis	1	
Congestion of Brain	4	1
" Liver		1
" Lungs	4	1
Chlorosis		1
Cirrhosis of the Liver	2	
Compression of Brain		1
Collapse of Lungs		1
Consumption of Lungs	58	2
Convulsions		20
Croup		16
Curvature of Spine	1	
Debility	3	3
Diarrhœa	1	
Diphtheria	1	11
Dropsy	3	1
" Abdominal		1
" of the Brain		2
" " Heart	2	
" " Lungs	2	
Disease of Heart	10	1
" Kidneys	1	
" Liver	1	
" Spine		1
Effusion on Brain	1	2
Enlargement of Heart	1	
" Liver	1	
Epilepsy	1	
Erysipelas	1	
Exposure	1	
Fatty Degeneration, Liver	1	
Fever, Puerperal	2	1
" Remittent	1	1
Scarlet		6
" Typhoid	1	8
Gangrene of Lungs	1	

CAUSES OF DEATH.	ADULTS.	MINORS.
Heart Clot		1
Hemorrhage from Lungs	4	
" " Uterus	1	
Hernia	2	
Hooping Cough		1
Hypertrophy of Heart	3	
Inflammation, Brain	1	2
" Bronchi	5	9
" Bladder	1	
" Kidneys	1	
" Larynx		2
" Lungs	23	14
" Pericard'm		1
" Periton'm	2	1
" Prostate	1	
" S. & Bow'ls	2	1
" Uterus	1	
Intemperance	1	
Inanition	1	4
Marasmus		13
Measles		1
Old Age	24	
Paralysis	5	1
Pyemia	1	1
Scrofula	1	
Septicæmia	1	
Softening of Brain	3	
Sore Mouth		1
Spina Bifida		1
Stricture of Rectum	1	
Suicide, Cutting Throat	1	
Syncope		1
Trismus Nascentium		1
Ulceration of Bowels	1	
" Pharynx		1
Unknown		1
Uræmia	1	
	219	142

Of the above there were:

Under 1 year	55
From 1 to 2	22
" 2 to 5	26
" 5 to 10	18
" 10 to 15	8
" 15 to 20	13
" 20 to 30	33
" 30 to 40	38
" 40 to 50	26
" 50 to 60	41
" 60 to 70	26
" 70 to 80	35
" 80 to 90	17
" 90 to 100	3

DEATHS IN EACH WARD.	
First	26
Second	14
Third	9
Fourth	9
Fifth	6
Sixth	5
Seventh	13
Eighth	8
Ninth	8
Tenth	3
Eleventh	7
Twelfth	3
Thirteenth	6
Fourteenth	10
Fifteenth	15
Sixteenth	6
Seventeenth	7
Eighteenth	18
Nineteenth	12
Twentieth	18
Twenty-first	7
Twenty-second	11
Twenty-third	11
Twenty-fourth	16
Twenty-fifth	24
Twenty-sixth	19
Twenty-seventh	16
Twenty-eighth	7
Twenty-ninth	26
Thirtieth	8
Thirty-first	13

Nativity, &c.

United States	247
Foreign	103
Unknown	11
People of Color	21
From Almsho'se	5
Males	176
Females	185
Boys	70
Girls	72

Premature Birth.

Males	1
Females	0
Total	1

Still-Born.

Males	10
Females	5
Total	15

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, January 18, 1879.

Month and Day.	Barometer.				Thermometer.					Rel. Humidity.			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.	
1879. JANUARY.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 12	30.28	30.15	30.09	30.15	26	30	29	28.5	40	25	75	89	89	N E	N E	N E	12	15	17	Cloudy	Cloudy	Cloudy	
Monday, 13	30.10	30.04	30.01	30.04	31	40	33	34.2	44	27	89	65	70	N W	S W	S W	8	7	16	Cloudy	Fair	Clear	
Tuesday, 14	29.97	29.97	30.14	30.05	32	35	33	33.2	36	28	89	61	79	W	N W	N W	4	20	16	Cloudy	Fair	Clear	
Wednes'y, 15	30.34	30.43	30.40	30.39	28	27	22	24.7	36	21	77	64	86	N	N E	E	10	12	12	Cloudy	Cloudy	Cloudy	.04
Thursday, 16	29.97	29.73	30.10	29.97	20	27	26	24.7	33	17	100	88	75	N E	N W	N E	12	7	7	Lt. Snow	Cloudy	Cloudy	.93
Friday, 17	30.41	30.35	30.19	30.29	16	33	37	30.7	39	14	66	79	81	N E	calm	N E	7	0	1	Fair	Cloudy	Cloudy	.*–
Saturday, 18	29.89	29.92	29.97	29.94	33	42	36	36.7	44	25	89	58	61	S W	W	N W	7	5	11	Cloudy	Fair	Clear	.02
Means.....				30.12	...	...	...	30.4	...	...							...	...	...				.99

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error. * Precipitation too small to measure.

Digitized by Google

Week Ending Saturday, January 25, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Colon	1	
" Cervical		1
Apoplexy	3	
Bright's Disease	4	
Burns and Scalds	1	1
Cancer of Arm	1	
" " Bowels	1	
" " Liver	1	
" " Pylorus	1	
" " Uterus	1	
Casualties	1	
Cerebro-spinal Meningitis		2
Congestion of Brain	2	1
" Lungs		10
Change of Life	1	
Cholera Infantum		1
Consumption of Lungs	47	11
Convulsions	1	16
Cramps		1
Croup		7
Cyanosis		3
Debility	6	0
Diphtheria	1	9
Dropsy	2	1
" of the Brain		2
" " Chest	1	
" " Heart	1	
Disease of Heart	12	
Effusion on Brain		1
" " Lungs		1
Epilepsy	1	
Erysipelas	1	
Exposure	1	
Fatty Heart	2	
Fever, Malarial	1	
" Puerperal	1	
" Scarlet		6
" Typhoid	8	3
Fracture of Thigh	1	
Gangrene	1	
Heart Clot	1	
Hemorrhage from Lungs	1	
" " Brain		1
" " Stomach		1
Hernia, Strangulated	1	
Hypertrophy of Heart	2	
Inflammat'n, Brain	3	10
" Bronchi	1	8
" Bladder	2	
Inflammat'n Larynx		1
" Liver	2	
" Lungs	25	12
" Pericard'm	1	
" Periton'm	3	
" S. & Bow'ls	3	
" Spine	1	
Inanition		4
Malformation		1
Marasmus		8
Murder	1	
Old Age	24	
Obstruction of Bowels	2	
Paralysis	2	1
Pyemia	3	
Scrofula		3
Softening of Brain	2	
Stricture of Œsophagus	1	
Syphilis	1	2
Uræmia	1	
	189	135

Of the above there were:

Under 1 year	54
From 1 to 2	23
" 2 to 5	32
" 5 to 10	13
" 10 to 15	3
" 15 to 20	10
" 20 to 30	26
" 30 to 40	35
" 40 to 50	27
" 50 to 60	28
" 60 to 70	24
" 70 to 80	25
" 80 to 90	20
" 90 to 100	2
" 100 to 110	2

DEATHS IN EACH WARD.	
First	15
Second	11
Third	7
Fourth	9
Fifth	10
Sixth	4
Seventh	17
Eighth	11
Ninth	6
Tenth	4
Eleventh	9
Twelfth	4
Thirteenth	1
Fourteenth	8
Fifteenth	16
Sixteenth	4
Seventeenth	10
Eighteenth	14
Nineteenth	26
Twentieth	11
Twenty-first	7
Twenty-second	7
Twenty-third	8
Twenty-fourth	15
Twenty-fifth	16
Twenty-sixth	10
Twenty seventh	19
Twenty-eighth	7
Twenty-ninth	17
Thirtieth	11
Thirty-first	10

Nativity, &c.

United States	235
Foreign	76
Unknown	13
People of Color	27
From Almsho'se	6
Males	176
Females	148
Boys	76
Girls	59

Premature Birth.

Males	2
Females	3
Total	5

Still-Born.

Males	16
Females	6
Total	22

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, January 25, 1879.

Month and Day.	Barometer.				Thermometer.						Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.
1879. JANUARY.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 19	29.96	29.85	29.87	29.89	28	30	23	26.0	39	22	77	78	86	N W	N W	N W	7	12	20	Cloudy	Fair	Clear	
Monday, 20	29.88	29.89	30.03	29.96	17	20	15	16.7	22	15	67	56	48	N W	N W	N	23	21	10	Fair	Clear	Clear	
Tuesday, 21	30.15	30.09	29.86	29.99	16	25	30	25.2	36	12	83	75	89	N W	S W	S	13	16	10	Fair	Cloudy	Clear	
Wednes'y, 22	29.85	29.93	29.97	29.93	35	51	36	39.5	55	26	90	59	80	O	S	N E	0	3	8	Cloudy	Cloudy	Clear	
Thursday, 23	29.90	29.97	30.32	30.13	37	47	32	37.0	48	29	71	70	69	N E	N W	N	1	20	10	Foggy	Fair	Clear	
Friday, 24	30.34	30 26	30.07	30.19	36	37	39	37.7	46	25	80	63	64	N	S W	S W	1	8	5	Cloudy	Cloudy	Cloudy	
Saturday, 25	29.90	29.70	29.97	29.88	36	51	40	41.7	55	33	80	65	65	S W	S W	N W	4	12	39	Fair	Clear	Clear	
Means				29.99				32.0															

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

Week Ending Saturday, February 1, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Lung	1	2
Asthma	2	
Apoplexy	7	
Bright's Disease	4	3
Burns and Scalds	1	
Cancer of Breast	2	
" " Bowels	1	
" " Face	2	
" " Stomach	4	
" " Uterus	3	
Casualties	3	
Cerebro spinal Meningitis	1	2
Congestion of Brain	1	5
" Liver		1
" Lungs	2	1
Cirrhosis of the Liver	2	
Consumption of Lungs	59	10
Convulsions	1	14
Croup		13
Cyanosis		1
Debility	2	7
Diphtheria	1	5
Dropsy	4	1
" Abdominal	1	
" of the Brain		2
" " Chest	1	1
Disease of Heart	12	4
Dysentery	2	
Empyema	1	
Emphysema of Lungs	1	
Enlargement of Heart	1	
Fatty Degen. of Heart	1	
" " " Liver	2	
Erysipelas	1	1
Fever, Catarrhal		1
" Scarlet		13
" Typhoid	5	4
Fracture of Leg		1
Gangrene of Feet	1	
Hooping Cough		3
Hypertrophy of Heart	3	
Hydrophobia	1	
Inflammat'n, Brain		6
" Bronchi	1	3
" Larynx	2	1
" Liver	1	1
" Lungs	32	18
" Pericardi'm	1	
" Peritoneum	5	3

CAUSES OF DEATH.	ADULTS.	MINORS.
Inflammat'n S. & Bowels	3	4
" Uterus	1	
Intemperance	1	
Insanity	1	
Inanition	3	8
Jaundice	2	1
Malformation		2
Marasmus	1	11
Murder	2	
Neuralgia of the Heart	2	
Old Age	21	
Paralysis	7	
Purpura Hemorrhagica		1
Pyemia	1	
Rheumatism	2	
" of Heart		1
Scrofula		1
Softening of Brain	3	
Syphilis		1
Tabes Mesenterica		1
Tetanus		1
Tumor of Brain	1	
Ulceration of Bowels	1	
" " Uterus	1	
Unknown		1
	231	160

Of the above there were:

Under 1 year	71
From 1 to 2	23
" 2 to 5	32
" 5 to 10	14
" 10 to 15	6
" 15 to 20	14
" 20 to 30	37
" 30 to 40	35
" 40 to 50	31
" 50 to 60	37
" 60 to 70	41
" 70 to 80	27
" 80 to 90	20
" 90 to 100	3
" 100 to 110	0

DEATHS IN EACH WARD.	
First	28
Second	19
Third	9
Fourth	9
Fifth	15
Sixth	6
Seventh	19
Eighth	9
Ninth	7
Tenth	7
Eleventh	9
Twelfth	5
Thirteenth	6
Fourteenth	4
Fifteenth	20
Sixteenth	7
Seventeenth	13
Eighteenth	20
Nineteenth	22
Twentieth	17
Twenty-first	5
Twenty-second	17
Twenty-third	13
Twenty-fourth	20
Twenty-fifth	19
Twenty-sixth	9
Twenty seventh	20
Twenty-eighth	4
Twenty-ninth	8
Thirtieth	9
Thirty-first	16

Nativity, &c.

United States	273
Foreign	105
Unknown	13
People of Color	17
From Almsho'se	5
Males	196
Females	195
Boys	95
Girls	65

Premature Birth.

Males	2
Females	3
Total	5

Still-Born.

Males	10
Females	2
Total	12

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, February 1, 1879.

Month and Day.	Barometer.				Thermometer.						Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.
1879. JANUARY.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 26	30.41	30.51	30.48	30.47	20	25	28	25.2	36	15	70	62	54	N	N W	N W	12	19	8	Clear	Fair	Cloudy	
Monday, 27	30.37	30.10	30.00	30.12	28	42	43	39.0	44	24	77	50	75	S	S W	S W	8	12	16	Cloudy	Cloudy	Cloudy	
Tuesday, 28	29.99	29.97	30.14	30.06	43	55	51	50.0	56	41	92	81	79	S W	S W	N W	9	12	4	Cloudy	Fair	Fair	
Wednes'y, 29	30.28	30.27	30.27	30.27	37	38	35	36.2	49	32	63	54	45	N	N	N	13	20	16	Cloudy	Clear	Fair	
Thursday, 30	30.27	30.22	30.18	30.21	26	39	35	33.7	40	25	75	55	70	N	N W	W	18	11	4	Fair	Clear	Clear	
Friday, 31	30.00	29.84	29.81	29.86	30	40	36	35.5	41	29	78	56	61	S W	W	N W	7	14	20	Clear	Clear	Clear	
February. Saturday, 1	29.78	29.67	29.76	29.74	29	31	22	26.0	34	20	78	69	72	N W	N W	N W	19	19	20	Clear	Cloudy	Fair	.01
Means				30.10				35.1															.01

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

Week Ending Saturday, February 8, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Lung	1	
Aneurism of Aorta	1	
Anemia	2	
Asthma	1	
Asphyxia		1
Apoplexy	9	
Bright's Disease	3	
Burns and Scalds	1	1
Cancer of the Breast	2	
" " Bladder	1	
" " Jaw	1	
" " Liver	2	
" " Lungs	1	
" " Rectum	1	
" " Uterus	3	
Casualties	1	1
Congestion of Brain	2	2
" Liver	1	
" Lungs	5	4
Cholera Infantum		1
Cirrhosis of the Liver	1	
Consumption of Lungs	54	2
Convulsions		17
" Puerperal	1	
Cramps		1
Croup		7
Cyanosis		6
Debility	8	9
Diabetes	2	
Diphtheria		8
Dropsy	3	1
" of the Brain		2
" " Chest		1
" " Heart	1	
" " Liver	1	
" " Lungs	1	
Disease of Heart	13	2
" Hip		1
" Kidneys	1	
" Liver	1	
Effusion on Lungs		1
Embolism of Brain	1	
Epilepsy	1	
Erysipelas	2	
Fatty Degen. of Heart	1	
Fever, Nervous	1	
" Scarlet	1	8
" Typhoid	2	
Hemorrhage, Bowels	1	
Hemorrhage, Lungs	1	
" Stomach	1	
" Umbilicus		1
" Uterus	1	
Hernia, Strangulated	1	
Hooping Cough		2
Inflammation, Brain	1	6
" Bronchi	3	5
" Bladder	1	
" Liver		1
" Lungs	20	17
" Pericard'm		2
" Periton'm	5	
" Pleura	2	
" S. & Bow'ls	3	
Inanition		6
Induration of Liver	1	
Lichen	1	
Malformation of Heart		1
Marasmus	1	5
Murder	1	
Old Age	25	
Paralysis	7	
Rheumatism	1	
" of Heart	1	1
Scrofula		2
Septicæmia	1	
Softening of Brain	1	
Suicide, Cutting Throat	1	
Tumor of Bladder	1	
" " Uterus	1	
Uræmia	1	1
	227	126

Of the above there were:

Under 1 year	57
From 1 to 2	20
" 2 to 5	22
" 5 to 10	16
" 10 to 15	9
" 15 to 20	2
" 20 to 30	41
" 30 to 40	32
" 40 to 50	35
" 50 to 60	29
" 60 to 70	28
" 70 to 80	38
" 80 to 90	19
" 90 to 100	4
" 100 to 110	1

DEATHS IN EACH WARD.	
First	17
Second	15
Third	8
Fourth	5
Fifth	5
Sixth	1
Seventh	13
Eighth	6
Ninth	4
Tenth	11
Eleventh	5
Twelfth	2
Thirteenth	3
Fourteenth	9
Fifteenth	17
Sixteenth	2
Seventeenth	11
Eighteenth	16
Nineteenth	18
Twentieth	24
Twenty-first	5
Twenty-second	15
Twenty-third	12
Twenty-fourth	25
Twenty-fifth	18
Twenty-sixth	11
Twenty-seventh	25
Twenty-eighth	10
Twenty-ninth	13
Thirtieth	9
Thirty-first	18

Nativity, &c.

United States	244
Foreign	95
Unknown	14
People of Color	17
From Almsho'se	9
Males	163
Females	187
Boys	55
Girls	71

Premature Birth.

Males	4
Females	4
Total	8

Still-Born.

Males	16
Females	9
Total	25

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, February 8, 1879.

Month and Day.	Barometer.				Thermometer.						Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.
1879. FEBRUARY.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 2	29.75	29.76	29.86	29.81	17	25	29	25.0	30	12	83	62	67	N W	N W	N W	28	34	18	Fair	Fair	Clear	
Monday, 3	29.93	29.85	29.89	29.89	29	33	34	32.5	37	27	67	70	79	N W	N W	N W	19	13	8	Cloudy	Cloudy	Clear	
Tuesday, 4	29.99	30.03	30.08	30.04	30	38	34	34.0	39	30	68	63	70	W	N W	N W	12	20	8	Cloudy	Fair	Clear	
Wednes'y, 5	29.95	29.60	29.61	29.69	31	34	35	33.7	38	28	79	100	90	S W	S E	N W	4	10	12	Cloudy	Lt. Snow	Cloudy	.16
Thursday, 6	29.89	29.89	29.94	29.91	33	37	34	34.5	42	31	70	63	79	N W	S E	W	10	4	5	Cloudy	Cloudy	Cloudy	.05
Friday, 7	30.17	30.20	30.30	30.24	29	37	33	33.0	38	29	78	53	61	N W	N W	W	14	15	5	Cloudy	Clear	Clear	.*–
Saturday, 8	30.45	30.39	30.40	30.41	26	33	34	31.7	42	25	75	61	79	N W	N E	N E	5	8	3	Clear	Fair	Clear	
Means.....				30.00	...	...	...	32.0	...	...							...	...	...				.21

The surface of the mercury in the cistern of Barometer is 46.0 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error. * Precipitation too small to measure.

Digitized by Google

Week Ending Saturday, February 15, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Lung	1	
Anemia	2	
Asphyxia	1	
Apoplexy	6	
Bright's Disease	5	
Burns and Scalds		2
Cancer of Breast	1	
" " Hand and Arm		1
" " Liver	2	
" " Pelvis	1	
" " Ovaries	1	
Casualties	1	1
Congestion of Brain	1	3
" Lungs	4	2
Cholera Infantum		2
Consumption of Bowels	2	
" Lungs	56	4
Convulsions		13
Cramps	1	
Croup		10
Cyanosis		3
Debility	7	4
Diarrhœa	1	
Diphtheria		9
Dropsy	1	
" of the Brain		3
" " Chest	1	
" " Heart	1	
" " Lungs	1	
Disease of Brain	1	
" Heart	0	2
" Kidneys	1	
Dyspepsia	1	
Effusion on Brain		2
" Heart	1	
Emphysema	1	1
Enlargement of Heart	2	
Epilepsy		1
Erysipelas	2	2
Fever, Catarrhal		1
" Puerperal	3	
" Scarlet		9
" Typhoid	4	1
Fracture of Ribs	1	
Hemorrhage from Lungs	1	
" " Umbil'cs		1
" " Uterus	1	
Hernia	1	
Hooping Cough		1

CAUSES OF DEATH.	ADULTS.	MINORS.
Inflammat'n, Brain	1	10
" Bronchi	2	6
" Bladder	1	
" Larynx		3
" Liver	3	
" Lungs	40	17
" Peritoneum	4	1
" S. & Bowels	1	2
" Throat		1
Intemperance	1	
Inanition	1	6
Jaundice		1
Marasmus		8
Murder	1	
Necrosis	1	
Neuralgia of the Heart		1
Old Age	12	
Paralysis	7	
Pyemia		1
Rheumatism of Brain	1	
" of Heart	1	
Softening of Brain	2	
Stricture of Œsophagus	1	
Tumor, Ovarian	1	
Trismus Nascentium		1
Ulceration of Stomach	1	
Unknown	1	
Uræmia	2	
Worms		1
	212	137

Of the above there were:

Under 1 year	61
From 1 to 2	23
" 2 to 5	28
" 5 to 10	11
" 10 to 15	7
" 15 to 20	7
" 20 to 30	37
" 30 to 40	48
" 40 to 50	27
" 50 to 60	28
" 60 to 70	28
" 70 to 80	22
" 80 to 90	16
" 90 to 100	6
" 100 to 110	0

DEATHS IN EACH WARD.	
First	23
Second	16
Third	11
Fourth	10
Fifth	8
Sixth	4
Seventh	13
Eighth	8
Ninth	5
Tenth	9
Eleventh	4
Twelfth	6
Thirteenth	7
Fourteenth	6
Fifteenth	19
Sixteenth	8
Seventeenth	4
Eighteenth	18
Nineteenth	16
Twentieth	20
Twenty-first	4
Twenty-second	5
Twenty-third	17
Twenty-fourth	19
Twenty-fifth	10
Twenty-sixth	10
Twenty seventh	24
Twenty-eighth	10
Twenty-ninth	17
Thirtieth	8
Thirty-first	10

Nativity, &c.	
United States	250
Foreign	78
Unknown	21
People of Color	21
From Almsho'se	14
Males	187
Females	162
Boys	68
Girls	49

Premature Birth.	
Males	0
Females	1
Total	1

Still-Born.	
Males	7
Females	15
Total	22

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, February 15, 1879.

Month and Day.	Barometer.				Thermometer.					Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.	
1879. FEBRUARY.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 9	30.20	30.18	30.40	30.30	25	39	31	31.5	40	23	62	55	58	S W	N W	W	8	26	5	Clear	Fair	Clear	
Monday, 10	30.59	30.50	30.44	30.49	22	33	32	29.7	42	21	72	61	69	N W	S	S	6	6	9	Clear	Fair	Cloudy	
Tuesday, 11	30.26	29.95	29.66	29.88	36	47	51	46.2	51	31	80	85	93	S W	S	S	3	18	18	Fair	Lt. Rain	Lt. Rain	.37
Wednes'y, 12	29.45	29.55	29.73	29.61	42	40	37	39.0	52	36	74	48	53	W	N W	W	20	22	6	Clear	Cloudy	Cloudy	.16
Thursday, 13	29.81	29.87	30.07	29.95	33	32	25	28.7	37	23	70	50	62	W	N W	N W	12	11	17	Cloudy	Cloudy	Fair	
Friday, 14	30.23	30.14	30.25	30.21	17	25	22	21.5	31	15	67	62	45	N	W	N W	14	8	16	Clear	Fair	Clear	.*–
Saturday, 15	30.47	30.43	30.44	30.44	11	23	22	19.5	28	8	60	47	72	N W	N W	S W	12	8	10	Clear	Clear	Clear	
Means				30.13	...	...	...	30.9	...	...							...	...	...				.53

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error. * Precipitation too small to measure.

Digitized by Google

Week Ending Saturday, February 22, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Lung		1
Aneurism of Aorta	1	
Anemia	1	
Asphyxia		3
Apoplexy	7	
Bright's Disease	3	
Burns and Scalds	1	
Cancer of the Liver	1	
" " Stomach	2	
" " Uterus	2	
Casualties	3	
Cerebro spinal Meningitis		2
Congestion of Brain	2	1
" Bowels	1	
" Lungs	2	2
Compression of Brain	1	
Cirrhosis of the Liver	1	
Consumption of Lungs	47	6
Convulsions		15
" Puerperal	2	
Craniotomy		1
Croup		11
Cyanosis		5
Debility	9	5
Diphtheria		15
Dropsy of the Brain		4
" " Chest	1	
" " Heart	1	2
Disease of Heart	10	1
" Kidneys	1	
Dysentery	2	
Effusion on Heart		1
Empyema		1
Erysipelas		6
Fever, Puerperal	1	1
" Scarlet	1	6
" Typhoid	8	2
Hemorrhage, Umbilicus		1
" Uterus	3	
Hernia, Strangulated	1	
Hypertrophy of Heart	2	
" Prostate	1	
Hooping Cough		4
Inflammation, Brain		5
" Bronchi	3	8
" Bladder	1	1
" Knee-joint		1
" Liver	2	
" Lungs	28	12

CAUSES OF DEATH.	ADULTS.	MINORS.
Inflam'at'n Part'd Gl'nd		1
" Pericard'm	1	
" Periton'm	3	1
" Pharynx		1
" Pleura	3	
" S. & Bow'ls	5	2
Inanition	2	7
Jaundice	2	
Marasmus		12
Neuralgia of the Heart		1
Old Age	18	
Ossification of Heart	1	
Paralysis	5	
Purpura Hemorrhagica		1
Rupture of Heart	1	
Scrofula	1	
Septicæmia	1	
Softening of Brain	2	
Sclerosis, Cerebro-spinal	1	
Strangulation		1
Syphilis		1
Tabes Mesenterica		1
Teething		1
Tetanus		1
Ulceration of Stomach	1	
	193	154

Of the above there were:

Under 1 year	62
From 1 to 2	31
" 2 to 5	32
" 5 to 10	10
" 10 to 15	7
" 15 to 20	12
" 20 to 30	43
" 30 to 40	32
" 40 to 50	18
" 50 to 60	23
" 60 to 70	43
" 70 to 80	21
" 80 to 90	18
" 90 to 100	1
" 100 to 110	0

Deaths in each Ward.

First	18
Second	7
Third	6
Fourth	10
Fifth	8
Sixth	4
Seventh	9
Eighth	13
Ninth	4
Tenth	15
Eleventh	5
Twelfth	6
Thirteenth	9
Fourteenth	8
Fifteenth	28
Sixteenth	3
Seventeenth	7
Eighteenth	16
Nineteenth	18
Twentieth	11
Twenty-first	7
Twenty-second	8
Twenty-third	7
Twenty fourth	14
Twenty-fifth	13
Twenty-sixth	10
Twenty-seventh	27
Twenty-eighth	14
Twenty-ninth	24
Thirtieth	9
Thirty-first	15

Nativity, &c.

United States	257
Foreign	84
Unknown	12
People of Color	22
From Almsho'se	14
Males	180
Females	173
Boys	81
Girls	73

Premature Birth.

Males	1
Females	4
Total	5

Still-Born.

Males	7
Females	8
Total	15

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, February 22, 1879.

Month and Day.	Barometer.				Thermometer.						Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.
1879. FEBRUARY.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 16	30.48	30.42	30.42	30.43	21	34	35	31.2	37	18	71	79	70	S	S	S W	3	8	4	Clear	Cloudy	Fair	
Monday, 17	30.36	30.20	30.04	30.16	30	30	29	29.5	35	28	78	89	89	N E	N E	N E	9	19	24	Cloudy	Cloudy	Lt. Snow	.09
Tuesday, 18	29.99	30.07	30.24	30.14	29	30	30	29.7	31	27	89	78	78	N E	N	N	15	13	8	Cloudy	Cloudy	Cloudy	.03
Wednes'y, 19	30.37	30.31	30.25	30.29	24	25	26	25.2	29	23	87	87	88	N E	N E	E	12	11	12	Cloudy	Lt. Snow	Cloudy	.*–
Thursday, 20	29.96	29.85	29.95	29.93	24	29	29	27.7	30	23	87	67	78	N E	N	N W	12	18	17	Lt. Snow	Cloudy	Cloudy	.06
Friday, 21	30.10	30.15	30.21	30.17	20	24	20	21.0	26	19	70	48	56	N W	N W	N W	32	26	13	Clear	Clear	Clear	
Saturday, 22	30.15	29.87	29.79	29.90	17	30	30	26.7	37	15	83	68	78	W	S	W	4	10	2	Cloudy	Cloudy	Cloudy	.01
Means.....				30.15				27.3															.19

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error. * Precipitation too small to measure.

Digitized by Google

Week Ending Saturday, March 1, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Neck		1
" Pelvic	1	
Anemia	1	
Asphyxia	1	
Apoplexy	9	
Bright's Disease	1	
Cancer of the Breast	3	
" " Bladder	1	
" " Stomach	3	
" " Throat	1	
" " Uterus	1	
Casualties		1
Cerebro-spinal Meningitis		1
Congestion of Brain	1	2
" Lungs	1	6
Cirrhosis of the Liver	3	
Consumption of Lungs	37	5
Convulsions	1	14
Croup		6
Cyanosis		1
Debility	2	1
Diabetes	2	
Diarrhœa	1	2
Diphtheria		6
Dropsy	2	
" of the Heart	6	1
" " Lungs	1	
Disease of Heart	12	4
" Hip-joint		1
" Kidneys	1	
Dyspepsia	1	
Dysentery	1	
Effusion on Brain		2
Enlargement of Heart	1	
Exposure		1
Fatty Heart	1	
Fever, Malarial	1	
" Puerperal	3	
" Remittent	1	
" Scarlet		9
" Typhoid	7	1
Fracture of Ribs	1	
Hooping Cough		2
Hypertrophy of Heart		1
Inflammation, Brain	3	4
" Bronchi	6	5
" Kidneys	1	
" Larynx		1
" Liver	1	

CAUSES OF DEATH.	ADULTS.	MINORS.
Inflammat'n Lungs	26	14
" Pericard'm		2
" Periton'm	5	1
" Pleura	1	
" S. & Bow'ls	1	2
Inanition	1	4
Jaundice	2	1
Malformation		1
Mania a potu	1	
Marasmus	3	2
Neuralgia of the Heart	1	
Old Age	13	
Obstruction of Bowels		1
" " Liver		1
Paralysis	13	
Pyemia	2	
Rheumatism	1	
Rupture of Uterus	1	
Scrofula		1
Softening of Brain	4	
Syphilis		2
Teething		1
Tetanus		1
Uræmia	1	
	196	112

Of the above there were:

Under 1 year	47
From 1 to 2	19
" 2 to 5	18
" 5 to 10	11
" 10 to 15	9
" 15 to 20	9
" 20 to 30	25
" 30 to 40	31
" 40 to 50	26
" 50 to 60	33
" 60 to 70	31
" 70 to 80	35
" 80 to 90	13
" 90 to 100	2
" 100 to 110	0

DEATHS IN EACH WARD.	
First	10
Second	12
Third	7
Fourth	8
Fifth	2
Sixth	2
Seventh	20
Eighth	7
Ninth	4
Tenth	3
Eleventh	5
Twelfth	3
Thirteenth	7
Fourteenth	5
Fifteenth	22
Sixteenth	3
Seventeenth	11
Eighteenth	16
Nineteenth	12
Twentieth	12
Twenty-first	7
Twenty-second	12
Twenty-third	11
Twenty fourth	18
Twenty-fifth	14
Twenty-sixth	12
Twenty-seventh	24
Twenty-eighth	10
Twenty-ninth	11
Thirtieth	10
Thirty-first	8

Nativity, &c.

United States	209
Foreign	86
Unknown	13
People of Color	17
From Almsho'se	8
Males	147
Females	161
Boys	61
Girls	51

Premature Birth.

Males	1
Females	5
Total	6

Still-Born.

Males	10
Females	8
Total	18

Digitized by Google

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE

WEEK ENDING SATURDAY, MARCH 1, 1879.

Month and Day.	BAROMETER.				THERMOMETER.						REL. HUMIDITY			DIRECTION of WIND			VELOCITY OF WIND.			STATE OF WEATHER.			RAIN.
1879. FEBRUARY.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 23	29.82	29.65	29.70	29.72	26	43	37	35.7	45	23	75	67	63	W	S W	W	6	11	5	Cloudy	Fair	Clear	
Monday, 24	29.91	29.89	29.97	29.93	24	29	27	26.7	31	23	74	67	88	W	W	N W	14	10	3	Clear	Cloudy	Cloudy	.03
Tuesday, 25	30.04	29.89	29.87	29.92	25	32	32	30.2	34	24	75	89	89	N E	E	N E	18	12	14	Cloudy	Cloudy	Foggy	.09
Wednes'y, 26	29.80	29.68	29.96	29.85	30	60	39	42.0	60	28	89	65	73	N E	S W	N W	6	20	10	Foggy	Cloudy	Cloudy	.13
Thursday, 27	30.36	30.41	30.57	30.48	22	26	24	24.0	34	20	72	63	61	N W	N W	N W	20	18	19	Clear	Clear	Cloudy	
Friday, 28	30.76	30.72	30.76	30.75	13	25	23	21.0	27	11	44	50	73	N	N E	E	14	8	8	Fair	Clear	Clear	
MARCH. Saturday, 1	30.69	30.53	30.48	30.54	22	38	38	34.0	40	19	72	63	81	N E	S W	S W	5	11	3	Fair	Clear	Clear	
Means.....				30.17	...	...	...	30.5	...	...							...	...	...				.25

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

Week Ending Saturday, March 8, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Lumbar	1	
" of Liver	1	
" " Lung	1	
Anemia	1	1
Aneurism of Aorta	1	
Apoplexy	8	
Bright's Disease	6	
Cancer of Breast	2	
" " Liver	2	
" " Stomach	1	
" " Uterus	1	
Carbuncle	1	
Casualties	3	
Cerebro Spinal Meningitis		2
Congestion of Brain	1	2
" Kidneys	1	
Cirrhosis of the Liver	1	
Consumption of Lungs	40	6
Convulsions		15
" Puerperal	2	
Croup		9
Cyanosis		2
Debauch	1	
Debility	4	8
Diabetes	2	
Diphtheria	1	8
Dropsy	3	1
" Abdominal		1
" of the Brain		4
" " Heart	2	1
Disease of Brain	1	
" Bowels	1	
" Heart	10	1
" Liver	2	
Drowned	1	
Effusion on Brain		2
Enlargement of Heart	1	
" " Prostate	1	
Epilepsy	2	
Erysipelas		2
Fatty Degen. of Heart	1	
Fever, Bilious	1	
" Scarlet		10
" Typhoid	5	2
Gout		1
Gangrene of Foot	1	
Hemorrhage, Umbilical		1
Hooping Cough		1
Hypertrophy of Heart	1	
Inflammat'n, Brain	2	2
" Bronchi	3	3
" Bladder	1	
" Kidneys		1
" Liver	1	1
" Lungs	26	10
" Pericardi'm	1	
" Peritoneum	1	1
" Pleura	3	
" S. & Bowels	6	2
" Tonsils		1
" Trachæ		1
Inanition		5
Intussusception		1
Marasmus		6
Murder	1	
Old Age	17	
Paralysis	9	
Purpura Hemorrhagica		1
Pyemia	1	
Softening of Brain	1	
Suicide, Cyanide Potas'm	1	
" Prussic Acid	1	
Syphilis	1	
Tumor of Liver	1	
Tetanus	1	
Uræmia	2	1
	195	116

Of the above there were:

Under 1 year	53
From 1 to 2	17
" 2 to 5	26
" 5 to 10	7
" 10 to 15	6
" 15 to 20	7
" 20 to 30	34
" 30 to 40	30
" 40 to 50	26
" 50 to 60	29
" 60 to 70	39
" 70 to 80	18
" 80 to 90	15
" 90 to 100	3
" 100 to 110	1

DEATHS IN EACH WARD.	
First	10
Second	11
Third	10
Fourth	15
Fifth	8
Sixth	6
Seventh	17
Eighth	3
Ninth	4
Tenth	12
Eleventh	9
Twelfth	4
Thirteenth	6
Fourteenth	9
Fifteenth	21
Sixteenth	5
Seventeenth	5
Eighteenth	15
Nineteenth	10
Twentieth	7
Twenty-first	6
Twenty-second	13
Twenty-third	7
Twenty-fourth	13
Twenty-fifth	12
Twenty-sixth	12
Twenty seventh	18
Twenty-eighth	14
Twenty-ninth	12
Thirtieth	8
Thirty-first	9

Nativity, &c.

United States	220
Foreign	72
Unknown	19
People of Color	21
From Almsho'se	7
Males	157
Females	154
Boys	54
Girls	62

Premature Birth.

Males	0
Females	0
Total	0

Still-Born.

Males	14
Females	9
Total	23

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, March 8, 1879.

Month and Day.	Barometer.				Thermometer.						Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.
1879. MARCH.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 2	30.49	30.50	30.47	30.49	37	37	37	37.0	40	32	90	81	63	N	N E	N E	7	8	3	Cloudy	Cloudy	Cloudy	
Monday, 3	30.57	30.59	30.65	30.62	32	42	34	35.5	43	28	69	42	79	N E	N E	E	4	12	6	Cloudy	Clear	Clear	.03
Tuesday, 4	30.56	30.37	30.27	30.37	32	43	41	39.2	45	29	89	75	82	N E	S	W	8	6	7	Cloudy	Cloudy	Cloudy	.*–
Wednes'y, 5	30.40	30.46	30.55	30.49	41	49	40	42.5	50	39	65	44	65	N W	N W	N E	12	15	9	Cloudy	Clear	Clear	.07
Thursday, 6	30.49	30.21	29.98	30.17	29	43	43	39.5	45	28	89	83	83	calm	S	S W	0	10	8	Fair	Lt. Rain	Cloudy	.05
Friday, 7	30.06	30.15	30.29	30.20	41	40	35	37.7	47	32	57	48	53	N W	N W	N	11	20	17	Clear	Clear	Clear	
Saturday, 8	30.44	30.39	30.36	30.38	27	40	35	34.2	40	25	76	56	70	N E	S	S E	6	7	7	Clear	Fair	Cloudy	
Means				30.39	...	...	...	37.9	...	...							...	...	...				.15

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error. * Precipitation too small to measure.

Digitized by Google

Week Ending Saturday, March 15, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Brain		2
Anemia	2	
Apoplexy	2	
Bright's Disease	8	
Cancer of the Bowels	1	
" " Femur	1	
" " Liver	1	
" " Stomach	1	
" " Uterus	2	
Casualties	1	1
Cerebro spinal Meningit's	2	1
Congestion of Brain		3
" Liver	1	1
" Lungs	1	2
" S. & Bowels		1
Cirrhosis of the Liver	2	1
Concussion of Brain	1	
Consumption of Lungs	44	4
Convulsions		13
Cramps		1
Croup		5
Cyanosis		5
Debility	4	7
Diabetes	1	
Diarrhœa	2	
Diphtheria		5
Dropsy	1	
" Abdominal	1	
" of the Brain		2
" " Heart	1	
" " Lungs	1	
Disease of Heart	10	
Dyspepsia	1	
Effusion on Brain		2
Emphysema	1	
Epilepsy	1	
Erysipelas	3	
Fatty Liver	1	
Fever, Scarlet		12
" Typhoid	5	1
Hemorrhage from Lungs	2	
" Umbilical		1
Hernia		1
Hypertrophy of Heart	2	
Inflammation, Brain		7
" Bronchi	1	4
" Bladder	1	
" Liver	1	
" Lungs	19	11
Inflammat'n Peritoneum	2	2
" S. & Bow'ls.	3	3
Intemperance	1	
Inanition	1	5
Leucocythemia	1	
Malformation		1
Marasmus		8
Mitral Regurgitation		1
Old Age	11	
Paralysis	8	2
Purpura Hemorrhagica		1
Rheumatism	1	
Scrofula		1
Septicæmia	1	
Softening of Brain	2	
Stenosis of Aorta	1	
Suicide, Laudanum	1	
Tabes Mesenterica	1	1
Teething		2
Ulceration of Leg	1	
	164	120

Of the above there were:

Under 1 year	59
From 1 to 2	22
" 2 to 5	19
" 5 to 10	7
" 10 to 15	7
" 15 to 20	6
" 20 to 30	24
" 30 to 40	26
" 40 to 50	23
" 50 to 60	27
" 60 to 70	25
" 70 to 80	23
" 80 to 90	15
" 90 to 100	1
" 100 to 110	0

DEATHS IN EACH WARD.	
First	10
Second	13
Third	3
Fourth	6
Fifth	6
Sixth	6
Seventh	12
Eighth	11
Ninth	7
Tenth	4
Eleventh	3
Twelfth	5
Thirteenth	7
Fourteenth	10
Fifteenth	13
Sixteenth	3
Seventeenth	3
Eighteenth	16
Nineteenth	17
Twentieth	13
Twenty-first	7
Twenty-second	12
Twenty-third	8
Twenty-fourth	13
Twenty-fifth	10
Twenty-sixth	9
Twenty-seventh	18
Twenty-eighth	8
Twenty-ninth	13
Thirtieth	9
Thirty-first	9

Nativity, &c.	
United States	207
Foreign	65
Unknown	12
People of Color	13
From Almsho'se	5
Males	133
Females	151
Boys	67
Girls	53

Premature Birth.	
Males	1
Females	1
Total	2

Still-Born.	
Males	14
Females	9
Total	23

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, March 15, 1879.

Month and Day.	Barometer.				Thermometer.						Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.
1879. MARCH.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 9	30.32	30.16	30.14	30.19	35	48	47	44.2	52	32	80	63	70	S	S W	W	4	6	4	Fair	Fair	Fair	.01
Monday, 10	30.11	30.08	30.07	30.08	43	67	61	58.0	69	38	75	55	66	E	W	W	1	3	4	Smoky	Hazy	Clear	.*–
Tuesday, 11	29.91	29.84	30.01	29.94	47	67	52	54.5	68	46	85	50	35	W	N W	N W	8	22	15	Cloudy	Cloudy	Clear	.*–
Wednes'y, 12	30.22	30.19	30.20	30.20	36	47	49	45.2	50	35	61	41	44	N W	N W	N W	8	25	4	Clear	Clear	Clear	
Thursday, 13	30.16	29.94	29.96	30.00	35	57	51	48.5	61	34	80	52	65	S E	S W	S W	6	17	8	Cloudy	Cloudy	Fair	
Friday, 14	29.89	29.73	29.77	29.79	42	48	47	46.0	54	41	91	100	92	N E	N E	N W	9	4	12	Cloudy	Lt. Rain	Clear	.21
Saturday, 15	29.98	29.97	30.08	30.03	33	42	37	37.2	45	32	61	34	45	N W	W	N W	16	18	12	Clear	Fair	Fair	
Means.....				30.03	...	...	...	47.6	...	...							...	...	...				.22

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error. * Precipitation too small to measure.

Digitized by Google

Week Ending Saturday, March 22, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Apoplexy	3	
Bright's Disease	2	2
Cancer of Breast	1	
" " Liver	1	
" " Stomach	3	
" " Uterus	2	
Caries of Spine		1
Casualties	3	1
Cerebro Spinal Meningitis		2
Congestion of Bladder	1	
" Brain	1	3
" Lungs	1	1
Child-bed	1	
Cirrhosis of the Liver	1	
Collapse of Lungs		1
Consumption of Lungs	39	9
Convulsions	1	17
" Puerperal	1	
Cramps		1
Croup		6
Cyanosis		3
Debauch	1	
Debility	3	2
Diabetes	1	
Diarrhœa	1	
Diphtheria		7
Dropsy	3	
" Abdominal	1	
" of the Brain		3
" " Heart	3	1
" " Lungs	1	
Disease of Brain	1	
" Heart	7	2
" Liver	1	
Empyema		1
Emphysema	2	
Enlargement of Heart	1	1
Epilepsy	1	
Erysipelas	1	
Fatty Degen. of Heart	1	
Fever, Scarlet		12
" Typhoid	2	2
Gangrene of Leg	1	
" " Lungs		1
" Senile	1	
Hemorrhage, from Bow'ls		1
" " Lungs	1	
Hooping Cough		1
Hypertrophy of Heart	1	
Inflammat'n, Brain		5
" Bronchi	2	4
" Bladder	1	
" Kidneys	1	
" Liver	1	
" Lungs	18	8
" Par'td Gl'd		1
" Pericardi'm	2	1
" Peritoneum	1	2
" Pleura		1
" S. & Bowels	3	1
Inanition		9
Influenza		1
Jaundice	2	
Marasmus	1	4
Old Age	9	
Ossification of Heart	1	
Paralysis	11	
Scrofula	1	
Softening of Brain	5	
Strangulation of Bowels		1
Suicide, Laudanum	1	
Tumor of Pharynx	1	
" Ovarian	1	
Tetanus	1	
Uræmia	1	
	159	119

Of the above there were:

Under 1 year	52
From 1 to 2	17
" 2 to 5	27
" 5 to 10	11
" 10 to 15	3
" 15 to 20	9
" 20 to 30	22
" 30 to 40	27
" 40 to 50	28
" 50 to 60	18
" 60 to 70	33
" 70 to 80	18
" 80 to 90	13
" 90 to 100	0
" 100 to 110	0

DEATHS IN EACH WARD.	
First	16
Second	5
Third	4
Fourth	7
Fifth	3
Sixth	4
Seventh	16
Eighth	9
Ninth	5
Tenth	4
Eleventh	5
Twelfth	2
Thirteenth	2
Fourteenth	7
Fifteenth	14
Sixteenth	11
Seventeenth	6
Eighteenth	14
Nineteenth	18
Twentieth	6
Twenty-first	3
Twenty-second	8
Twenty-third	7
Twenty-fourth	8
Twenty-fifth	11
Twenty-sixth	15
Twenty seventh	17
Twenty-eighth	9
Twenty-ninth	19
Thirtieth	10
Thirty-first	13

Nativity, &c.

United States	190
Foreign	76
Unknown	12
People of Color	17
From Almsho'se	9
Males	144
Females	134
Boys	61
Girls	58

Premature Birth.

Males	2
Females	2
Total	4

Still-Born.

Males	8
Females	13
Total	21

Digitized by Google

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE

WEEK ENDING SATURDAY, MARCH 22, 1879.

Month and Day.	BAROMETER.				THERMOMETER.						REL. HUMIDITY			DIRECTION of WIND			VELOCITY OF WIND.			STATE OF WEATHER.			RAIN.
1879. MARCH.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 16	30.20	30.15	30.11	30.14	33	45	40	39.5	48	31	70	46	73	N W	W	S	8	14	8	Cloudy	Fair	Fair	
Monday, 17	29.78	29.71	29.96	29.85	42	52	37	42.0	53	35	100	79	90	E	N W	N W	6	22	4	Lt. Rain	Cloudy	Lt. Rain	.30
Tuesday, 18	30.14	30.09	30.15	30.13	28	36	36	34.0	39	26	77	45	53	N	N	N	16	12	5	Clear	Clear	Clear	
Wednes'y, 19	30.21	30.19	30.26	30.23	29	36	38	35.2	42	28	78	71	54	N	N W	N W	1	18	2	Cloudy	Cloudy	Clear	
Thursday, 20	30.31	30.23	30.15	30.21	33	44	43	40.7	50	29	70	45	59	S W	S W	E	6	13	8	Cloudy	Cloudy	Cloudy	.06
Friday, 21	29.92	29.93	30.17	30.05	41	49	43	44.0	53	37	100	78	75	N E	N W	N	6	16	10	Foggy	Cloudy	Clear	.05
Saturday, 22	30.33	30.09	29.85	30.03	32	37	35	34.7	40	31	69	90	100	E	E	N E	15	16	12	Cloudy	Lt. Rain	Lt. Rain	.41
Means				30.09	...	...	...	38.6	...	...							...	...	...				.82

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

Week Ending Saturday, March 29, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Lung	1	
Asthma	1	
Asphyxia		1
Apoplexy	5	
Bright's Disease	5	1
Burns and Scalds		2
Cancer of the Face	1	
" Liver	3	
Casualties	1	
Cerebro spinal Meningit's		1
Congestion of Brain	2	3
" " Kidneys	1	
" " Lungs		2
Cirrhosis of the Liver	1	
Consumption of Lungs	51	10
Convulsions		11
Croup		2
Cyanosis		4
Debility	4	7
Diabetes		1
Diarrhœa	1	
Diphtheria	1	9
Dropsy	1	
" of the Brain	1	5
" " Chest.	1	
" " Heart	2	
" " Liver	1	
" " Lungs	1	
Disease of Heart	13	1
" " Kidneys	1	
" " Knee-joint	1	
Dysentery	2	
Effusion on Brain	1	
" " Lungs	1	
Enlargement of Heart	2	
Epilepsy	2	
Erysipelas	3	
Fatty Degen. of Heart	1	
Fever, Puerperal	1	
" Scarlet	1	9
" Typhoid	5	5
Goitre	1	
Gout	1	
Hemorrhage, Secondary	1	
" from Bowels	1	
" " Lungs	2	
" " Uterus	2	
Hooping Cough		1
Inflammation, Brain	1	1
Inflammat'n Bronchi	2	5
" Bladder	1	
" Kidneys	1	
" Lungs	16	12
" Pericard'm	1	
" Peritoneum	4	2
" S. & Bow'ls.	1	4
" Uterus	1	
Inanition		7
Jaundice		1
Marasmus		9
Neuralgia of the Heart.	1	
Old Age	15	
Paralysis	7	
Purpura Hemorrhagica	1	
Rheumatism	1	
Rupture of Aorta	1	
Shock, Puerperal	1	
Softening of Brain	1	
" " Spinal Cord	2	
Sore Throat		1
Suicide, run over on R. R.	1	
" Shooting	1	
Syphilis		2
Tetanus		1
Ulceration of Stomach	1	
Uræmia	1	
Wounds, Gun Shot		1
	188	121

Of the above there were:

Under 1 year	50
From 1 to 2	14
" 2 to 5	33
" 5 to 10	8
" 10 to 15	7
" 15 to 20	9
" 20 to 30	41
" 30 to 40	21
" 40 to 50	22
" 50 to 60	22
" 60 to 70	30
" 70 to 80	31
" 80 to 90	17
" 90 to 100	3
" 100 to 110	1

DEATHS IN EACH WARD.	
First	10
Second	13
Third.	9
Fourth	15
Fifth	13
Sixth	3
Seventh	11
Eighth	7
Ninth	4
Tenth	7
Eleventh	5
Twelfth	3
Thirteenth	4
Fourteenth	9
Fifteenth	22
Sixteenth	5
Seventeenth	7
Eighteenth	12
Nineteenth	19
Twentieth	19
Twenty-first	5
Twenty-second.	13
Twenty-third	9
Twenty fourth.	15
Twenty-fifth.	12
Twenty-sixth	10
Twenty-seventh	15
Twenty-eighth.	8
Twenty-ninth	12
Thirtieth	7
Thirty-first	6

Nativity, &c.	
United States	221
Foreign	76
Unknown	12
People of Color.	23
From Almsho'se	9
Males	170
Females	139
Boys	67
Girls	54

Premature Birth.	
Males	0
Females	3
Total.	3

Still-Born.	
Males	10
Females	8
Total	18

Digitized by Google

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE

WEEK ENDING SATURDAY, MARCH 29, 1879.

Month and Day.	BAROMETER.				THERMOMETER.						REL. HUMIDITY			DIRECTION of WIND			VELOCITY OF WIND.			STATE OF WEATHER.			RAIN.
1879. MARCH.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 23	29.95	30.08	30.22	30.12	38	40	37	38.0	42	35	91	65	63	N W	N W	N W	13	25	13	Cloudy	Cloudy	Cloudy	.52
Monday, 24	30.26	30.09	30.06	30.12	34	44	42	40.5	48	31	79	60	83	S W	S W	S	4	12	10	Cloudy	Cloudy	Fair	.01
Tuesday, 25	29.08	30.07	30.20	30.14	40	45	36	39.2	46	34	82	53	61	N W	N W	N	6	22	13	Cloudy	Cloudy	Clear	
Wednes'y, 26	30.23	30.14	30.08	30.13	30	47	37	37.7	51	28	78	41	81	N	E	S E	5	3	13	Clear	Clear	Lt. Rain	.12
Thursday, 27	29.83	29.82	29.97	29.90	46	49	42	44.7	58	35	92	93	91	S E	N W	N W	11	15	18	Cloudy	Cloudy	Cloudy	.30
Friday, 28	30.12	30.13	30.09	30.11	42	52	48	47.5	55	39	83	66	70	N	N E	E	16	11	8	Cloudy	Cloudy	Clear	
Saturday, 29	29.92	29.62	29.53	29.65	38	54	45	45.5	54	36	91	67	92	S E	S	N W	10	15	12	Cloudy	Cloudy	Lt. Rain	.11
Means.....				30.02	..	...	...	41.9	...	...							...	...	...				1.06

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

Week Ending Saturday, April 5, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Brain	1	
" " Lungs	1	
" Psoas	1	
Apoplexy	2	
Bright's Disease	5	
Burns and Scalds	4	2
Cancer of Bladder	1	
" " Coecum	1	
" " Liver	1	
" " Stomach	1	
" " Uterus	2	
Casualties		1
Cerebro Spinal Meningitis	2	
Congestion of Brain	2	2
" Lungs		2
Cirrhosis of the Liver	2	
Consumption of Lungs	43	7
Convulsions	1	20
" Puerperal	1	
Croup		2
Cyanosis		3
Debility	7	2
Diarrhœa	1	
Diphtheria		9
Dropsy	4	
" of the Brain		2
" " Heart	1	
Disease of Heart	8	3
" Liver	1	
Drowned	1	
Effusion on Brain		2
Erysipelas	1	2
Fever, Catarrhal		1
" Puerperal	1	
" Scarlet		10
" Typhoid	4	1
Fracture of Skull	1	
Hemorrhage, Stomach	1	1
" Umbilical		1
Hooping Cough		5
Hypertrophy of Heart	1	
Inflammat'n, Brain	1	10
" Bronchi	1	7
" Liver	1	
" Lungs	18	5
" Peritoneum	4	
" S. & Bowels	1	
" Uterus	1	
Intemperance	2	
Inanition	1	8
Jaundice		2
Marasmus	1	9
Old Age	22	
Paralysis	5	
Purpura Hemorrhagica	1	
Rheumatism		1
Scrofula		1
Suicide, Cyanide Potas'm	1	
" Hanging	1	
Tumor of Uterus	1	
	165	121

Of the above there were:

Under 1 year	58
From 1 to 2	20
" 2 to 5	26
" 5 to 10	8
" 10 to 15	4
" 15 to 20	5
" 20 to 30	25
" 30 to 40	32
" 40 to 50	25
" 50 to 60	17
" 60 to 70	19
" 70 to 80	34
" 80 to 90	13
" 90 to 100	0
" 100 to 110	0

DEATHS IN EACH WARD.	
First	15
Second	11
Third	7
Fourth	5
Fifth	6
Sixth	3
Seventh	6
Eighth	8
Ninth	6
Tenth	5
Eleventh	6
Twelfth	11
Thirteenth	8
Fourteenth	7
Fifteenth	19
Sixteenth	6
Seventeenth	7
Eighteenth	11
Nineteenth	20
Twentieth	15
Twenty-first	4
Twenty-second	12
Twenty-third	6
Twenty-fourth	11
Twenty-fifth	12
Twenty-sixth	11
Twenty seventh	13
Twenty-eighth	10
Twenty-ninth	12
Thirtieth	7
Thirty-first	6

Nativity, &c.	
United States	217
Foreign	61
Unknown	8
People of Color	23
From Almsho'se	7
Males	144
Females	142
Boys	62
Girls	59

Premature Birth.	
Males	2
Females	1
Total	3

Still-Born.	
Males	4
Females	1
Total	5

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, April 5, 1879.

Month and Day.	Barometer.				Thermometer.						Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.
1879. MARCH.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 30	29.47	29.41	29.51	29.48	42	53	43	45.2	54	40	74	42	67	N W	N W	N	11	15	22	Cloudy	Fair	Fair	.03
Monday, 31	29.44	29.38	29.48	29.44	34	40	39	38.0	48	31	70	48	46	N W	N W	N W	24	36	25	Cloudy	Fair	Clear	
APRIL. Tuesday, 1	29.53	29.50	29.59	29.55	37	54	50	47.7	56	34	63	32	45	N W	N W	W	24	20	22	Clear	Clear	Clear	
Wednes'y, 2	29.66	29.67	29.77	29.72	40	44	43	42.5	48	38	56	37	59	N W	W	W	15	24	11	Fair	Fair	Clear	
Thursday, 3	29.61	29.40	29.68	29.59	38	42	29	34.5	50	29	54	74	67	S	S W	W	6	12	23	Fair	Cloudy	Clear	.02
Friday, 4	29.72	29.75	29.92	29.83	28	35	31	31.2	38	26	88	53	69	W	W	N W	13	22	11	Lt. Snow	Cloudy	Clear	.01
Saturday, 5	30.00	29.99	30.10	30.05	27	34	30	30.2	35	25	76	61	68	N E	N W	N	8	16	13	Cloudy	Cloudy	Cloudy	.*–
Means				29.67	...	...	...	38.5	...	...							...	...	...				.06

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error. * Precipitation too small to measure.

Digitized by Google

Week Ending Saturday, April 12, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Hand and Arm		1
Asthma	3	
Apoplexy	5	
Bright's Disease	5	1
Cancer, Diffused		1
" of the Liver	1	
" " Stomach	2	
" " Uterus	2	
Casualties	3	
Cerebro spinal Meningitis	1	1
Congestion of Brain	3	2
" " Lungs	3	4
Cholera Infantum		2
Compression of Brain	1	
Consumption of Lungs	47	5
Convulsions		10
Croup		4
Cyanosis		3
Debility	2	7
Diarrhœa	3	
Diphtheria	1	8
Dropsy	6	
" of the Brain		1
" " Chest	1	
Disease of Heart	11	
" " Liver	1	
" " Knee joint		1
Embolism, Cerebral	1	
Erysipelas	1	1
Fever, Puerperal	3	
" Scarlet		13
" Typhoid	5	2
Gangrene	1	
Heart Clot	1	
Inflammat'n, Brain	1	5
" Bronchi	4	5
" Kidneys	1	
" Larynx		1
" Lungs	18	9
" Pericard'm	1	
" Peritoneum	2	1
" Pleura	1	
" S. & Bow'ls.	2	
Inanition	1	3
Jaundice	1	1
Malformation		1
Marasmus		7
Neuralgia of the Heart	1	
Old Age	16	
Paralysis	9	
Pyemia	1	1
Scrofula		3
Softening of Brain	4	
Suicide, Laudanum	1	
Syncope	1	
Trismus Nascentium		1
Ulceration of Stomach	1	
Uræmia	1	1
	180	106

DEATHS IN EACH WARD.	
First	10
Second	13
Third	12
Fourth	13
Fifth	5
Sixth	2
Seventh	9
Eighth	7
Ninth	3
Tenth	8
Eleventh	5
Twelfth	5
Thirteenth	4
Fourteenth	7
Fifteenth	15
Sixteenth	6
Seventeenth	5
Eighteenth	10
Nineteenth	19
Twentieth	11
Twenty-first	5
Twenty-second	18
Twenty-third	7
Twenty fourth	13
Twenty-fifth	13
Twenty-sixth	13
Twenty-seventh	11
Twenty-eighth	2
Twenty-ninth	17
Thirtieth	7
Thirty-first	11

Nativity, &c.	
United States	192
Foreign	85
Unknown	9
People of Color	14
From Almsho'se	3
Males	138
Females	148
Boys	59
Girls	47

Of the above there were:	
Under 1 year	52
From 1 to 2	16
" 2 to 5	17
" 5 to 10	10
" 10 to 15	4
" 15 to 20	7
" 20 to 30	31
" 30 to 40	33
" 40 to 50	23
" 50 to 60	22
" 60 to 70	25
" 70 to 80	28
" 80 to 90	15
" 90 to 100	3
" 100 to 110	0

Premature Birth.	
Males	1
Females	1
Total	2

Still-Born.	
Males	12
Females	6
Total	18

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, April 12, 1879.

Month and Day.	Barometer.				Thermometer.						Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.
1879. APRIL.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 6	30.17	30.08	30.05	30.09	30	44	41	39.0	51	28	78	45	57	N W	W	S	7	9	11	Fair	Clear	Clear	
Monday, 7	29.92	29.88	29.95	29.93	38	50	47	45.5	52	36	91	72	55	S W	W	N E	7	7	16	Cloudy	Cloudy	Cloudy	.04
Tuesday, 8	30.16	30.16	30.16	30.16	36	51	48	45.7	54	35	61	40	43	N W	W	W	13	10	5	Clear	Clear	Clear	
Wednes'y, 9	30.17	30.04	29.96	30.03	40	64	56	54.0	66	37	73	25	46	W	W	S W	7	9	7	Clear	Clear	Fair	
Thursday, 10	29.78	29.57	29.43	29.56	48	54	45	48.0	56	45	70	93	92	S	S	N E	8	6	13	Cloudy	Lt. Rain	Cloudy	1.45
Friday, 11	29.58	29.71	29.88	29.76	41	41	37	39.0	45	37	82	74	63	N E	N W	N W	6	18	24	Cloudy	Clearing	Clear	.01
Saturday, 12	30.01	30.02	30.07	30.04	36	48	47	44.5	51	34	61	43	55	N W	N W	N W	20	22	5	Clear	Fair	Clear	
Means.....				29.94	...	...	...	45.1	...	...							...	...	...				1.50

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

Week Ending Saturday, April 19, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Axilla		1
" Liver	1	
" Lung	1	
Anemia	1	
Asphyxia		1
Apoplexy	7	
Boil	1	
Bright's Disease	6	
Cancer of Breast	1	
" Mouth	1	
" Stomach	2	
Casualties	3	
Cerebro Spinal Meningitis		1
Congestion of Brain	1	3
" Liver	1	
" Lungs	1	4
Cholera Infantum		2
Cirrhosis of the Liver	1	
Consumption of Lungs	49	6
Convulsions	1	11
Cramps		1
Croup		4
Cyanosis		2
Debility	5	2
Diabetes	1	
Diphtheria		5
Dropsy	2	
" of the Brain		4
" " Chest	1	
" " Heart	2	
Disease of Brain	1	
" Heart	8	2
Drowned	1	
Effusion on Brain	1	2
Enlargement of Heart	1	
Epilepsy	2	
Erysipelas	2	1
Fatty Degen. of Heart	3	
Fever, Puerperal	4	
" Scarlet		12
" Typhoid	6	5
Gangrene of Lung	1	
Hemorrhage from Uterus	1	
Hernia, Strangulated	1	
Hooping Cough		2
Hypertrophy of Heart	2	
Inflammat'n, Brain		12
" Bronchi	4	8
" Liver	2	
Inflammat'n, Lungs	24	9
" Pericard'm	1	1
" Peritone'm	2	2
" S. & Bow'ls	4	2
Insanity	1	
Inanition		8
Intussusception	2	
Induration of Liver	1	
Marasmus		10
Murder	1	
Neuralgia of the Heart	3	
Old Age	17	
Obstruction of Bowels	1	
Paralysis	9	
Pyemia	2	
Rheumatism of Heart		1
Scrofula	1	
Shock	1	
Softening of Brain	2	
Suicide, Shooting	1	
Syphilis		1
Tabes Mesenterica		1
Teething		2
Tumor, Brain		1
" Larynx		1
Trismus Nascentium		1
Ulceration of Bowels	1	
	203	131

Of the above there were:

Under 1 year	57
From 1 to 2	26
" 2 to 5	28
" 5 to 10	9
" 10 to 15	4
" 15 to 20	7
" 20 to 30	46
" 30 to 40	34
" 40 to 50	28
" 50 to 60	24
" 60 to 70	23
" 70 to 80	20
" 80 to 90	13
" 90 to 100	5
" 100 to 110	0

DEATHS IN EACH WARD.	
First	17
Second	18
Third	5
Fourth	13
Fifth	13
Sixth	4
Seventh	18
Eighth	9
Ninth	7
Tenth	7
Eleventh	5
Twelfth	6
Thirteenth	7
Fourteenth	8
Fifteenth	20
Sixteenth	6
Seventeenth	4
Eighteenth	15
Nineteenth	14
Twentieth	14
Twenty-first	3
Twenty-second	10
Twenty-third	9
Twenty-fourth	13
Twenty-fifth	11
Twenty-sixth	11
Twenty seventh	20
Twenty-eighth	11
Twenty-ninth	18
Thirtieth	8
Thirty-first	10

Nativity, &c.

United States	240
Foreign	84
Unknown	10
People of Color	29
From Almsho'se	5

Males	186
Females	148
Boys	75
Girls	56

Premature Birth.

Males	0
Females	1
Total	1

Still-Born.

Males	11
Females	3
Total	14

Digitized by Google

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE

WEEK ENDING SATURDAY, APRIL 19, 1879.

Month and Day.	BAROMETER.				THERMOMETER.						REL. HUMIDITY			DIRECTION of WIND			VELOCITY OF WIND.			STATE OF WEATHER.			RAIN.
1879. APRIL.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 13	30.13	29.94	29.87	29.95	41	55	48	48.0	55	38	57	33	70	N W	S W	E	9	16	6	Fair	Cloudy	Lt. Rain	.01
Monday, 14	29.79	29.78	29.77	29.78	44	53	53	50.7	55	41	84	67	73	N	N E	S	4	6	4	Cloudy	Cloudy	Cloudy	*
Tuesday, 15	29.77	29.63	29.68	29.69	47	61	56	55.0	62	46	85	77	81	E	S	S W	11	8	6	Cloudy	Lt. Rain	Cloudy	.04
Wednes'y, 16	29.90	29.90	29.89	29.89	43	57	48	49.0	60	41	75	47	78	N W	S	S E	19	9	9	Fair	Fair	Lt. Rain	.03
Thursday, 17	29.82	29.79	29.72	29.76	43	42	40	41.2	46	40	100	100	100	N E	N E	N E	21	28	28	Lt. Rain	Lt. Rain	H'y Rain	.51
Friday, 18	29.55	29.56	29.66	29.61	37	44	43	41.7	46	36	100	76	75	N	N W	N W	20	23	22	Lt. Rain	Cloudy	Clear	.40
Saturday, 19	29.62	29.66	29.83	29.73	41	44	43	42.7	47	38	74	68	67	N W	N	N W	22	27	3	Cloudy	Cloudy	Clear	*
Means				29.77				46.9															.99

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error. * Precipitation too small to measure.

Digitized by Google

Week Ending Saturday, April 26, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Kidney	1	
" Neck	1	
Aneurism of Aorta	1	
Asthma	1	
Asphyxia		1
Apoplexy	8	
Bright's Disease	4	1
Burns and Scalds	1	1
Cancer of the Breast	1	
" " Pancreas	1	
" " Stomach	5	
Casualties	1	
Congestion of Brain	2	0
" Liver	1	
" Lungs	2	4
" Spinal Cord	1	
Cholera Infantum		3
Cirrhosis of the Liver	1	
Consumption of Lungs	49	2
Convulsions	1	8
Croup		2
Cyanosis		2
Debility		2
Diarrhœa	1	
Diphtheria		8
Dropsy	3	3
" Abdominal	2	
" of the Brain		8
Degeneration of Lung	1	
Disease of Brain		1
" " Heart	8	1
" " Liver	1	
" " Lung	1	
Drowned	2	
Emphysema of Lungs	1	
Empyema	1	
Epilepsy	1	
Erysipelas	1	
Enlargement of Heart	1	1
Fever, Scarlet		8
" Typhoid	5	1
Gout	1	
Gangrene of Lungs	1	
Hemorrhage, from Lungs	2	1
" Secondary	1	
Hooping Cough		3
Hypertrophy of Liver	1	
Inflammat'n, Brain	1	9
" Bronchi	3	6
Inflam'at'n, Bladder	1	
" Larynx	1	3
" Liver	1	
" Lungs	19	10
" Peritoneum	2	
" Pleura	1	1
" S. & Bow'ls.	3	4
Inanition		4
Jaundice	1	
Marasmus		6
Neuralgia of the Heart	1	
Old Age	23	
Obstruction of Bowels	1	
Ossification of Heart	1	
Ozœna		1
Paralysis	5	
Purpura Hemorrhagica		1
Pyemia		1
Rupture of Aortic Valve	1	
Scrofula		1
Septicæmia	1	1
Softening of Brain	3	
Suicide, Hanging	1	
" Opium	1	
" Shooting	2	
Tumor, Ovarian	2	
Ulceration of Stomach	3	
Unknown		1
	195	116

Of the above there were:

Under 1 year	61
From 1 to 2	14
" 2 to 5	25
" 5 to 10	9
" 10 to 15	4
" 15 to 20	3
" 20 to 30	30
" 30 to 40	27
" 40 to 50	32
" 50 to 60	26
" 60 to 70	26
" 70 to 80	37
" 80 to 90	13
" 90 to 100	3
" 100 to 110	1

DEATHS IN EACH WARD.	
First	13
Second	7
Third	11
Fourth	8
Fifth	4
Sixth	4
Seventh	21
Eighth	4
Ninth	2
Tenth	10
Eleventh	7
Twelfth	9
Thirteenth	5
Fourteenth	4
Fifteenth	15
Sixteenth	4
Seventeenth	10
Eighteenth	17
Nineteenth	11
Twentieth	16
Twenty-first	10
Twenty-second	11
Twenty-third	2
Twenty fourth	16
Twenty-fifth	10
Twenty-sixth	8
Twenty-seventh	22
Twenty-eighth	12
Twenty-ninth	19
Thirtieth	13
Thirty-first	6

Nativity, &c.

United States	221
Foreign	71
Unknown	19
People of Color	23
From Almsho'se	8
Males	161
Females	150
Boys	61
Girls	55

Premature Birth.

Males	3
Females	4
Total	7

Still-Born.

Males	9
Females	6
Total	15

Digitized by Google

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE

WEEK ENDING SATURDAY, APRIL 26, 1879.

Month and Day.	BAROMETER.				THERMOMETER.						REL. HUMIDITY			DIRECTION of WIND			VELOCITY OF WIND.			STATE OF WEATHER.			RAIN.
1879. APRIL.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 20	29.94	29.98	30.08	30.02	45	59	51	51.5	60	40	46	33	46	N W	N W	N	17	20	6	Clear	Clear	Clear	
Monday, 21	30.22	30.23	30.29	30.26	47	63	60	57.5	66	43	48	33	34	N W	N W	N W	15	12	7	Fair	Clear	Clear	
Tuesday, 22	30.41	30.37	30.33	30.36	54	69	64	62.7	72	48	49	27	43	N	N W	W	4	13	4	Smoky	Clear	Clear	
Wednes'y, 23	30.22	30.14	30.27	30.23	51	72	57	59.2	74	49	65	34	41	S W	N	N	9	29	16	Fair	Hazy	Clear	
Thursday, 24	30.41	30.32	30.26	30.32	50	63	55	55.7	66	46	58	33	56	N E	S	S W	9	8	12	Fair	Clear	Clear	
Friday, 25	30.21	30.02	29.96	30.04	49	65	62	59.5	67	47	64	49	67	S W	S W	calm	13	11	0	Cloudy	Hazy	Cloudy	
Saturday, 26	29.97	29.96	30.15	30.05	60	80	51	60.5	80	49	77	44	79	S W	W	E	4	8	14	Cloudy	Fair	Lt. Rain	.05
Means.....				30.18	...	...	...	58.1	...	...							...	...	...				.05

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

Week Ending Saturday, May 3, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Thigh	1	
" Psoas		1
Asthma	1	
Apoplexy	4	2
Bright's Disease	1	
Cancer of Breast	2	
" Liver	2	
" Stomach	1	
" Uterus	3	
Casualties	1	1
Cerebro Spinal Meningitis		1
Congestion of Brain	1	5
" Lungs	1	4
Cholera Infantum		5
Cirrhosis of the Liver	1	
Concussion of Brain	1	
Consumption of Lungs	51	11
Convulsions	2	16
Croup		4
Cyanosis		2
Debility	3	4
Diarrhœa	2	3
Diphtheria		8
Dropsy	4	
" Abdominal	1	1
" of the Brain		3
" " Chest		1
" " Heart	1	
Disease of Heart	11	1
Drowned	2	
Dyspepsia	1	
Effusion on Brain	1	2
Emphysema of Lungs	1	
Epilepsy	1	
Erysipelas	1	
Fatty Degen. of Heart	2	
Fever, Puerperal	3	
" Scarlet		8
" Typhoid	1	
Gall Stones	1	
Gangrene	1	1
Heart Clot	2	
Hernia, Strangulated	1	
Hooping Cough		1
Hypertrophy of Heart	1	
Inflammat'n, Brain	1	5
" Bronchi		3
" Kidneys	1	
" Lungs	16	7
Inflammat'n, Pericard'm	1	1
" Peritone'm	5	
" S. & Bow'ls	6	7
Influenza		1
Inanition		3
Jaundice	1	
Laryngismus Stridulus		1
Marasmus		14
Murder	2	
Old Age	15	
Ossification of the Heart	2	
Paralysis	7	
Rheumatism	3	
" of Heart	1	
Softening of Brain	2	
Stricture of Œsophagus	1	
Suicide, Hanging	2	
" Shooting	2	
Syphilis	1	
Tabes Mesenterica		2
Tumor, Brain	1	
" Larynx		1
" Ovarian	1	
Ulceration of Bowels	1	
Uræmia	2	1
	188	131

Of the above there were:

Under 1 year	70
From 1 to 2	17
" 2 to 5	20
" 5 to 10	9
" 10 to 15	8
" 15 to 20	7
" 20 to 30	39
" 30 to 40	29
" 40 to 50	26
" 50 to 60	24
" 60 to 70	32
" 70 to 80	22
" 80 to 90	14
" 90 to 100	2
" 100 to 110	0

DEATHS IN EACH WARD.	
First	18
Second	10
Third	3
Fourth	10
Fifth	9
Sixth	4
Seventh	16
Eighth	5
Ninth	4
Tenth	9
Eleventh	5
Twelfth	3
Thirteenth	6
Fourteenth	11
Fifteenth	11
Sixteenth	9
Seventeenth	13
Eighteenth	10
Nineteenth	20
Twentieth	20
Twenty-first	9
Twenty-second	6
Twenty-third	5
Twenty-fourth	19
Twenty-fifth	15
Twenty-sixth	9
Twenty seventh	16
Twenty-eighth	8
Twenty-ninth	11
Thirtieth	9
Thirty-first	16

Nativity, &c.	
United States	234
Foreign	74
Unknown	11
People of Color	19
From Almsho'se	5
Males	149
Females	170
Boys	64
Girls	67

Premature Birth.	
Males	0
Females	0
Total	0

Still-Born.	
Males	8
Females	9
Total	17

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, May 3, 1879.

Month and Day.	Barometer.				Thermometer.						Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.
1879. APRIL.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 27	30.21	30.16	30.15	30.17	46	57	55	53.2	60	44	92	81	87	E	E	E	14	9	12	Cloudy	Cloudy	Cloudy	
Monday, 28	30.07	30.01	29.96	30.00	50	65	61	59.2	70	49	100	84	94	E	S W	S	5	4	7	Foggy	Cloudy	Lt. Rain	1.34
Tuesday, 29	30.02	29.94	29.92	29.95	56	65	61	60.7	67	55	63	58	66	N E	N E	N E	15	9	5	Cloudy	Fair	Cloudy	.30
Wednes'y, 30	29.83	29.71	29.81	29.79	59	73	62	64.0	73	53	65	31	41	N W	W	W	6	11	13	Hazy	Fair	Clear	
MAY.																							
Thursday, 1	29.87	29.85	29.94	29.90	46	57	57	54.2	59	43	54	52	58	W	N W	N W	20	14	11	Fair	Fair	Clear	
Friday, 2	29.99	29.92	29.99	29.97	46	52	49	49.0	55	43	69	23	57	N W	N W	N	4	10	12	Clear	Fair	Cloudy	
Saturday, 3	30.06	29.98	29.99	30.01	47	60	53	53.2	62	42	55	34	61	N W	W	S W	13	13	8	Clear	Fair	Fair	
Means				29.97				56.2															1.64

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

Week Ending Saturday, May 10, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Asphyxia		1
Apoplexy	6	
Bright's Disease	6	
Burns and Scalds		1
Cancer of Breast	1	
" Bowels	1	
" Throat	1	
" Uterus	2	
" Viscera	1	
Casualties	2	2
Cerebro Spinal Meningitis		1
Congestion of Brain	1	5
" Lungs	2	2
Cholera Infantum		6
Cirrhosis of the Liver	1	
Consumption of Lungs	42	6
Convulsions	1	12
" Puerperal	1	
Cyanosis		3
Debility	8	2
Degeneration of Kidney	1	
Diarrhœa	1	1
Diphtheria	1	3
Dropsy	1	1
" Abdominal	1	
" of the Brain		2
Disease of Brain	1	
" Heart	11	
" Kidney	1	
Drowned	3	
Dysentery	1	
Empyema	1	
Epilepsy	1	1
Erysipelas	2	4
Fatty Degen. of Heart	1	
Fever, Scarlet		9
" Typhoid	7	1
Heart Clot	1	
Hemorrhage, Stomach	1	
" Lungs	1	
" Umbilical		1
Inflammat'n, Brain	1	9
" Bronchi		3
" Kidneys	1	1
" Lungs	15	11
" Pericard'm	5	
" Peritone'm	2	
" S. & Bow'ls		5
" Uterus	1	

CAUSES OF DEATH.	ADULTS.	MINORS.
Intemperance	1	
Inanition	2	10
Malformation		1
Marasmus		12
Murder	2	
Old Age	18	
Obstruction of Bowels	1	
Ossification of the Heart	1	
Paralysis	4	
Septicæmia	1	1
Softening of Brain	3	
Sore Mouth		1
Tabes Mesenterica		1
Teething		2
Ulceration of Stomach	1	
Uræmia	2	1
	174	122

Of the above there were:

Under 1 year	73
From 1 to 2	14
" 2 to 5	13
" 5 to 10	8
" 10 to 15	4
" 15 to 20	10
" 20 to 30	24
" 30 to 40	31
" 40 to 50	28
" 50 to 60	20
" 60 to 70	31
" 70 to 80	26
" 80 to 90	11
" 90 to 100	2
" 110 to 120	1

DEATHS IN EACH WARD.	
First	14
Second	13
Third	4
Fourth	8
Fifth	1
Sixth	4
Seventh	15
Eighth	6
Ninth	4
Tenth	6
Eleventh	4
Twelfth	4
Thirteenth	10
Fourteenth	2
Fifteenth	12
Sixteenth	8
Seventeenth	16
Eighteenth	11
Nineteenth	21
Twentieth	20
Twenty-first	9
Twenty-second	6
Twenty-third	5
Twenty-fourth	14
Twenty-fifth	15
Twenty-sixth	11
Twenty seventh	13
Twenty-eighth	4
Twenty-ninth	9
Thirtieth	8
Thirty-first	9

Nativity, &c.

United States	208
Foreign	80
Unknown	8
People of Color	8
From Almsho'se	4
Males	157
Females	139
Boys	63
Girls	59

Premature Birth.

Males	4
Females	4
Total	8

Still-Born.

Males	9
Females	6
Total	15

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, May 10, 1879.

Month and Day.	Barometer.				Thermometer.					Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.	
1879. MAY.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 4	29.96	29.86	29.77	29.84	52	59	54	54.7	59	48	66	65	87	S	S	S	11	6	10	Cloudy	Lt. Rain	Cloudy	.09
Monday, 5	29.79	29.74	29.78	29.78	56	73	67	65.7	75	54	94	35	69	S W	S W	S W	4	17	12	Foggy	Clear	Clear	
Tuesday, 6	29.95	29.96	30.09	30.02	59	67	60	61.5	68	57	54	33	39	N W	W	N W	12	14	9	Cloudy	Fair	Fair	
Wednes'y, 7	30.21	30.16	30.18	30.18	50	62	59	57.5	67	48	58	46	43	N W	N W	N E	12	8	14	Clear	Fair	Fair	
Thursday, 8	30.30	30.30	30.35	30.33	51	63	58	57.5	65	47	59	42	58	N	N E	S E	9	12	2	Fair	Fair	Clear	
Friday, 9	30.47	30.46	30.48	30.47	52	66	56	57.5	66	47	79	32	46	N E	E	E	7	16	5	Clear	Clear	Clear	
Saturday, 10	30.49	30.41	30.41	30.43	51	66	56	57.2	67	46	65	28	46	N E	E	E	11	12	7	Clear	Clear	Clear	
Means				30.15	...	...	...	58.8	...	...							...	...	...				.09

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

Week Ending Saturday, May 17, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Lungs	1	
Anemia	2	
Aneurism of Aorta	1	
Asthma	2	
Asphyxia	1	1
Apoplexy	3	
Bright's Disease	2	1
Burns and Scalds		1
Cancer, Diffused	1	
" of the Breast	2	
" " Face	1	
" " Liver	2	
" " Œsophagus	1	
" " Stomach	3	
Casualties	1	3
Cerebro spinal Meningit's	1	4
Congestion of Brain	4	4
" Lungs		1
Cirrhosis of the Liver	1	
Compression of Brain		1
Consumption of Lungs	31	9
Convulsions		7
Croup		3
Cyanosis		3
Debility	4	2
Diarrhœa	2	
Diphtheria		2
Dropsy of the Brain		1
" " Chest	1	
" " Heart	1	
" " Lungs		1
Disease of Heart	5	2
Drowned	5	
Dysentery	1	
Effusion on Brain	1	
Empyema	1	
Embolism of Brain	1	
Epilepsy	1	
Erysipelas	1	
Enlargement of Heart	1	
" Spleen		1
Fever, Intermittent		1
" Remittent		1
" Scarlet		5
" Typhoid	3	3
Inflammat'n, Brain	6	8
" Bronchi	1	5
" Kidneys	2	
" Liver	1	1

CAUSES OF DEATH.	ADULTS.	MINORS.
Inflam'at'n, Lungs	9	5
" Peritoneum	4	2
" Pleura		1
" S. & Bow'ls.	4	5
" Uterus	1	
Inanition	1	7
Intussusception	1	
Jaundice		1
Malformation		1
Marasmus		13
Murder	1	
Old Age	11	
Ossification of Heart	1	
Paralysis	6	
Poisoning, Opium	1	
Pyemia	1	
Scrofula		2
Softening of Brain	3	1
Sore Mouth		1
Spina Bifida		2
Tumor, Liver	1	
Trismus Nascentium		1
Typhilitis	1	1
Unknown	1	
Uræmia	1	1
	149	115

Of the above there were:

Under 1 year	61
From 1 to 2	18
" 2 to 5	13
" 5 to 10	8
" 10 to 15	3
" 15 to 20	12
" 20 to 30	22
" 30 to 40	23
" 40 to 50	25
" 50 to 60	24
" 60 to 70	24
" 70 to 80	21
" 80 to 90	10
" 90 to 100	0
" 100 to 110	0

DEATHS IN EACH WARD.	
First	14
Second	13
Third.	2
Fourth	9
Fifth	6
Sixth	3
Seventh	12
Eighth	6
Ninth	2
Tenth	4
Eleventh	3
Twelfth	0
Thirteenth	6
Fourteenth	5
Fifteenth	7
Sixteenth	7
Seventeenth	9
Eighteenth	17
Nineteenth	11
Twentieth	9
Twenty-first	5
Twenty-second.	3
Twenty-third	7
Twenty fourth	19
Twenty-fifth.	13
Twenty-sixth	11
Twenty-seventh	18
Twenty-eighth.	11
Twenty-ninth	18
Thirtieth	8
Thirty-first	6

Nativity, &c.

United States	200
Foreign	51
Unknown	13
People of Color.	18
From Almsho'se	8
Males	134
Females	130
Boys	57
Girls	58

Premature Birth.

Males	1
Females	2
Total.	3

Still-Born.

Males	11
Females	7
Total	18

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

DURING THE

Week Ending Saturday, May 17, 1879.

Month and Day.	Barometer.				Thermometer.						Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.
1879. MAY.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 11	30.39	30.29	30.27	30.30	50	73	59	60.2	75	45	72	46	70	N E	S W	S	9	4	4	Clear	Clear	Clear	
Monday, 12	30.28	30.22	30.21	30.23	51	75	68	65.5	77	49	100	52	74	S E	W	S W	5	11	6	Foggy	Clear	Clear	
Tuesday, 13	30.19	30.14	30.12	30.14	62	73	67	67.2	77	60	91	67	69	S W	W	S W	2	11	12	Foggy	Fair	Clear	
Wednes'y, 14	30.12	30.04	30.00	30.04	63	77	67	68.5	79	59	83	53	74	S W	S W	S	4	9	15	Fair	Fair	Clear	
Thursday, 15	30.00	29.90	29.93	29.94	62	81	68	69.7	82	58	88	48	79	S	S	S E	5	5	6	Fair	Fair	Clear	
Friday, 16	29.91	29.89	29.96	29.93	64	77	70	70.2	79	64	94	61	85	S E	S W	S	5	10	11	Cloudy	Fair	Cloudy	.18
Saturday, 17	30.04	30.01	30.06	30.05	64	67	65	65.2	69	64	94	89	94	N E	N E	N E	9	13	5	Cloudy	Lt. Rain	Lt. Rain	.44
Means.....				30.09	...	...	...	66.6	...	...							...	...	...				.62

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

Week Ending Saturday, May 24, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Abdominal Wall	1	
Anemia	1	
Asthma	1	
Asphyxia		1
Apoplexy	4	
Bright's Disease	12	
Cancer of the Caecum	1	
" " Kidneys	1	
" " Nose	1	
" " Ovaries	1	
" " Stomach	3	
Caries of the Vertebra	1	
Casualties	2	
Cerebro-spinal Meningitis	1	1
Congestion of Brain	1	5
" Lungs		4
Cholera Infantum		2
Consumption of Bowels	1	
" Lungs	37	7
Convulsions	2	8
Croup		1
Debility	5	2
Diarrhœa	2	
Diphtheria	1	2
Dropsy	1	
" of the Brain		1
" " Heart	4	1
Disease of Brain	1	
" Heart	7	
Drowned	1	1
Effusion on Brain	1	
Erysipelas	3	
Enlargement of Heart	2	1
Fever, Intermittent	1	
" Puerperal	1	
" Scarlet	1	6
" Typhoid	2	4
Fracture of Hip	1	
Gangrene of Foot	1	
" Nates	1	
Hemorrhage, from Bow'ls	1	
" " Lungs	2	
" Umbilical		1
Inflammat'n, Brain	2	7
" Bronchi	1	4
" Bladder	2	
" Kidneys	1	1
" Lungs	12	5
" Peritoneum	4	3
Inflammat'n S. & Bowels	2	3
" Veins	1	
Inanition	2	6
Lupus	1	
Marasmus	1	11
Neuralgia of the Heart	1	
Old Age	16	
Ossification of Heart	1	
Paralysis	4	
Phlegmasia Dolens	1	
Pyemia	1	
Septicæmia	2	
Shock after Ovariotomy	1	
Sore Mouth		1
Tumor of Uterus	1	
Tetanus	1	
Ulceration of Bowels	1	
Unknown		1
Uræmia	2	
	171	90

Of the above there were:

Under 1 year	42
From 1 to 2	14
" 2 to 5	13
" 5 to 10	6
" 10 to 15	7
" 15 to 20	8
" 20 to 30	36
" 30 to 40	28
" 40 to 50	23
" 50 to 60	18
" 60 to 70	24
" 70 to 80	23
" 80 to 90	14
" 90 to 100	2
" 100 to 110	0

DEATHS IN EACH WARD.	
First	14
Second	13
Third	8
Fourth	6
Fifth	7
Sixth	3
Seventh	11
Eighth	6
Ninth	2
Tenth	8
Eleventh	3
Twelfth	2
Thirteenth	7
Fourteenth	5
Fifteenth	16
Sixteenth	5
Seventeenth	4
Eighteenth	11
Nineteenth	21
Twentieth	10
Twenty-first	5
Twenty-second	10
Twenty-third	5
Twenty fourth	14
Twenty-fifth	10
Twenty-sixth	7
Twenty-seventh	17
Twenty-eighth	10
Twenty-ninth	7
Thirtieth	7
Thirty-first	12

Nativity, &c.

United States	186
Foreign	64
Unknown	11
People of Color	17
From Almsho'se	6
Males	134
Females	130
Boys	47
Girls	43

Premature Birth.

Males	4
Females	1
Total	5

Still-Born.

Males	8
Females	3
Total	11

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, May 24, 1879.

Month and Day.	Barometer.				Thermometer.						Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.
1879. MAY.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 18	30.06	30.03	30.03	30.04	61	70	70	67.7	75	61	94	80	90	E	S	E	gentle	10	6	Foggy	Cloudy	Lt. Rain	.12
Monday, 19	29.94	29.90	29.92	29.92	65	75	68	69.0	76	63	94	64	90	N E	S W	S	2	10	6	Lt. Rain	Fair	Fair	.22
Tuesday, 20	29.91	29.85	29.84	29.86	63	78	70	70.2	79	62	91	61	80	N E	S W	S	5	5	10	Cloudy	Fair	Clear	*
Wednes'y, 21	29.80	29.74	29.91	29.84	67	80	66	69.7	82	61	95	66	68	S W	S W	N	9	14	14	Cloudy	Fair	Fair	*
Thursday, 22	30.07	30.11	30.19	30.14	57	67	60	61.0	69	54	52	42	49	N	N E	N	19	13	16	Fair	Clear	Clear	
Friday 23	30.37	30.39	30.40	30.39	53	62	55	56.2	63	50	54	36	62	N E	N E	S	16	14	12	Clear	Clear	Clear	
Saturday, 24	30.40	30.18	30.07	30.18	50	68	63	61.0	71	47	86	42	62	S	N W	W	8	12	6	Clear	Clear	Clear	
Means.....				30.05	..			65.0															.34

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error. * Precipitation too small to measure.

Digitized by Google

Week Ending Saturday, May 31, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Aneurism of the Aorta	1	
Anemia		1
Asphyxia		1
Apoplexy	6	
Bright's Disease	4	2
Cancer Diffused	1	
" of the Bowels	1	
" " Breast	1	
" " Eye		1
" " Stomach	1	
Casualties	4	
Cerebro Spinal Meningitis		2
Congestion of Lungs		2
" Spine	1	
Cholera Infantum		2
Cirrhosis of the Liver	2	
Compression of Brain	1	
Consumption of Lungs	37	5
Convulsions	1	12
Croup		4
Cyanosis		1
Degeneration of Kidney	1	
Debility	1	5
Diarrhœa	1	
Diphtheria		4
Dropsy	4	
" of the Brain		1
Disease of Brain	2	
" Heart	8	
" Liver	1	
Drowned		4
Dysentery	2	
Erysipelas		1
Enlargement of Heart	1	
Fever, Puerperal	1	
" Scarlet		6
" Typhoid	4	3
Gangrene of Foot	1	
Hernia	1	
Hemorrhage, Lungs	2	
" Stomach	1	
" Uterus	1	
Hooping Cough		3
Hypertrophy of Heart	1	
Inflammat'n, Brain	1	9
" Bronchi		2
" Larynx	1	1
" Liver	1	
" Lungs	10	3
Inflam'ati'n Peritone'm	3	2
" S. & Bow'ls	1	2
Insanity	1	
Inanition	2	8
Jaundice	1	1
Marasmus		9
Old Age	6	
Ossification of the Heart	1	
Paralysis	3	
Septicæmia	1	
Softening of Brain	1	
Strangulation		1
Suicide, Hanging	1	1
Teething		1
Tumor of Uterus	1	
Tetanus	1	1
	130	101

Of the above there were:

Under 1 year	46
From 1 to 2	13
" 2 to 5	17
" 5 to 10	9
" 10 to 15	10
" 15 to 20	6
" 20 to 30	20
" 30 to 40	35
" 40 to 50	21
" 50 to 60	10
" 60 to 70	19
" 70 to 80	20
" 80 to 90	5
" 90 to 100	0
" 100 to 110	0

Deaths in each Ward.

First	7
Second	9
Third	1
Fourth	6
Fifth	7
Sixth	2
Seventh	10
Eighth	2
Ninth	1
Tenth	7
Eleventh	5
Twelfth	5
Thirteenth	3
Fourteenth	5
Fifteenth	2
Sixteenth	3
Seventeenth	6
Eighteenth	3
Nineteenth	16
Twentieth	18
Twenty-first	6
Twenty-second	6
Twenty-third	6
Twenty-fourth	5
Twenty-fifth	11
Twenty-sixth	12
Twenty seventh	20
Twenty-eighth	5
Twenty-ninth	10
Thirtieth	10
Thirty-first	12

Nativity, &c.

United States	102
Foreign	40
Unknown	20
People of Color	9
From Almsho'se	12
Males	131
Females	100
Boys	60
Girls	41

Premature Birth.

Males	0
Females	0
Total	0

Still-Born.

Males	10
Females	5
Total	15

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, May 31, 1879.

Month and Day.	Barometer.				Thermometer.					Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.	
1879. MAY.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 25	29.92	29.82	29.80	29.83	60	78	68	68.5	79	57	82	54	84	W	S W	N W	5	10	11	Cloudy	Fair	Cloudy	.16
Monday, 26	29.94	30.02	30.16	30.07	60	67	62	62.7	69	59	77	46	41	N W	N	N	21	14	10	Cloudy	Clear	Fair	
Tuesday, 27	30.30	30.23	30.11	30.19	55	64	62	60.7	68	50	68	53	77	N E	S	S	8	17	6	Fair	Cloudy	Cloudy	
Wednes'y, 28	30.16	30.15	30.18	30.17	60	72	70	68.0	76	59	77	42	57	N	N E	N E	17	12	4	Fair	Clear	Clear	.01
Thursday, 29	30.22	30.16	30.15	30.17	67	79	67	70.0	79	61	60	43	60	W	S W	S	1	12	12	Cloudy	Clear	Clear	
Friday, 30	30.17	30.06	30.05	30.08	64	81	72	72.2	82	59	73	67	80	S	S	S W	10	11	10	Cloudy	Fair	Fair	
Saturday, 31	30.08	30.01	30.00	30.02	70	90	81	80.5	91	66	80	53	70	S W	S W	S W	6	9	8	Fair	Fair	Clear	
Means				30.08	...	...	...	68.9	...	...							...	...	...				.17

The surface of the mercury in the cistern of Barometer is 46.0 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

Week Ending Saturday, June 7, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Neck		1
Anemia	2	
Asthma	1	
Apoplexy	4	
Bed Sores		1
Bright's Disease	4	2
Cancer of the Penis	1	
" " Uterus	5	
" " Vulva	1	
Casualties	3	3
Cerebro-spinal Meningitis	1	
Congestion of Brain	2	10
" Lungs		2
Cholera Infantum		12
Cirrhosis of the Liver	1	
Concussion of Brain	1	
Consumption of Bowels	1	
" Lungs	34	6
Convulsions	1	14
Croup		2
Cyanosis		4
Debility	5	10
Diarrhœa		1
Diphtheria		4
Dropsy	2	
" Abdominal		1
" of the Brain		3
" " Chest	1	
" " Liver	1	
Disease of Heart	6	2
" Liver	1	
Drowned	2	2
Dyspepsia	1	
Effusion on Brain		1
Epilepsy	2	
Fever, Malarial	1	
" Scarlet		9
" Typhoid	9	1
Fracture of Skull	1	
Hernia, Strangulated	1	
Hemorrhage, Bowels	1	
" Prostate	1	
" Vicarious		1
Hooping Cough		2
Hypertrophy of Heart	2	
Inflammat'n, Brain	1	3
" Bronchi		4
" Larynx		1
" Liver	1	

CAUSES OF DEATH.	ADULTS.	MINORS.
Inflam'at'n, Lungs	5	5
" Peritoneum	2	1
" S. & Bowels.	2	3
Inanition	2	2
Jaundice		1
Malformation		1
Marasmus	2	8
Mitral Regurgitation	1	
Old Age	13	
Obstruction of Bowels	1	
Ossification of Heart	1	
Paralysis	4	
Poisoning, Morphine	1	
Pyemia	1	1
Purpura	1	
Rheumatism	1	
Septicæmia	1	
Softening of Brain	2	
" Heart	1	
Sore Mouth		1
Spina Bifida		1
Syphilis		3
Teething		1
Uræmia	1	
Wounds	1	
	144	130

Of the above there were:

Under 1 year	68
From 1 to 2	21
" 2 to 5	15
" 5 to 10	11
" 10 to 15	3
" 15 to 20	12
" 20 to 30	22
" 30 to 40	27
" 40 to 50	24
" 50 to 60	26
" 60 to 70	12
" 70 to 80	19
" 80 to 90	10
" 90 to 100	3
" 100 to 110	1

DEATHS IN EACH WARD.	
First	20
Second	10
Third	5
Fourth	12
Fifth	7
Sixth	4
Seventh	11
Eighth	6
Ninth	5
Tenth	5
Eleventh	4
Twelfth	5
Thirteenth	8
Fourteenth	3
Fifteenth	13
Sixteenth	7
Seventeenth	10
Eighteenth	8
Nineteenth	14
Twentieth	14
Twenty-first	1
Twenty-second	12
Twenty-third	2
Twenty-fourth	13
Twenty-fifth	10
Twenty-sixth	7
Twenty-seventh	19
Twenty-eighth	13
Twenty-ninth	15
Thirtieth	7
Thirty-first	4

Nativity, &c.

United States	217
Foreign	46
Unknown	11
People of Color	25
From Almsho'se	13
Males	149
Females	125
Boys	77
Girls	53

Premature Birth.

Males	0
Females	0
Total	0

Still-Born.

Males	8
Females	6
Total	14

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, June 7, 1879.

Month and Day.	Barometer.				Thermometer.					Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.	
1879. JUNE.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 1	30.02	29.95	29.94	29.96	74	93	83	83.2	93	71	81	46	60	S W	S W	S W	5	9	9	Clear	Clear	Clear	
Monday, 2	29.93	29.92	29.97	29.95	75	82	72	75.2	85	71	72	60	90	W	N W	N	6	10	4	Fair	Cloudy	Lt. Rain	1.02
Tuesday, 3	29.94	29.92	29.91	29.92	69	73	68	69.5	73	67	90	85	95	E	S	W	8	9	3	Cloudy	Lt. Rain	Lt. Rain	1.60
Wednes'y, 4	29.96	29.93	29.97	29.96	63	72	68	67.7	74	62	89	50	84	S W	W	S W	6	11	7	Lt. Rain	Fair	Clear	.54
Thursday, 5	29.97	29.92	30.00	29.97	67	80	68	70.7	82	63	79	55	84	S W	S W	N W	14	17	24	Fair	Fair	H'y Rain	1.02
Friday, 6	29.93	29.78	29.91	29.88	68	81	69	71.7	81	60	84	59	65	W	S W	N W	6	18	10	Fair	Cloudy	Fair	.08
Saturday, 7	30.18	30.15	30.15	30.16	51	62	62	59.2	66	49	65	46	56	N	N	W	16	16	4	Clear	Clear	Clear	
Means.....				29.97	..	...	...	71.0	...	...							...	...	...				4.26

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

Week Ending Saturday, June 14, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Pelvic	1	
Asthma	1	
Asphyxia		3
Apoplexy	3	1
Bright's Disease	2	1
Cancer of the Breast	1	
" " Colon	1	
" " Pylorus	1	
" " Stomach	1	
" " Uterus	1	
Casualties	4	1
Congestion of Brain	2	8
Cholera Infantum		10
Cirrhosis of the Liver	1	
Consumption of Bowels	1	
" Lungs	33	5
Convulsions		8
Croup		3
Cyanosis		2
Degeneration of Liver	1	
Debility	3	2
Diabetes	1	
Diphtheria		3
Dropsy	1	
" Abdominal		1
" of the Brain		2
" " Heart	2	
Disease of Brain	1	1
" Heart	6	1
" Spine		1
Drowned	1	2
Effusion on Brain	1	2
Erysipelas	1	
Enlargement of Heart	1	
Fatty Degen. of Heart	1	
Fever, Intermittent		1
" Malarial		1
" Scarlet		12
" Typhoid	6	2
Fracture of Skull	1	
Gangrene, Senile	2	
" of Lungs	1	
Hemorrhage from Uterus	1	
Hernia, Strangulated	1	
Hooping Cough		2
Hypertrophy of Heart	2	
Hysteria	1	
Inflammat'n, Brain	3	9
" Bronchi	1	2
Inflam'ati'n Bladder	1	
" Kidneys	1	
" Liver	1	
" Lungs	6	5
" Pericardi'm	1	
" Peritoneum	4	
" Pleura	2	
" S. & Bow'ls	4	2
Inanition		1
Marasmus		4
Old Age	5	
Paralysis	5	3
Poisoning, Prussic Acid		1
Purpura Hemorrhagica		1
Rheumatism		1
Softening of Brain	2	
Spina Bifida		1
Suicide, Strychnia	1	
Tabes Mesenterica		1
Teething		1
Tumor, Ovarian	1	
Trismus Nascentium		2
Tetanus	1	1
Uræmia	1	
Wounds, Gunshot		1
	128	111

Of the above there were:

Under 1 year	43
From 1 to 2	19
" 2 to 5	21
" 5 to 10	12
" 10 to 15	10
" 15 to 20	6
" 20 to 30	24
" 30 to 40	21
" 40 to 50	21
" 50 to 60	19
" 60 to 70	24
" 70 to 80	12
" 80 to 90	7
" 90 to 100	0
" 100 to 110	0

DEATHS IN EACH WARD.	
First	8
Second	8
Third	5
Fourth	9
Fifth	5
Sixth	7
Seventh	6
Eighth	6
Ninth	5
Tenth	8
Eleventh	3
Twelfth	00
Thirteenth	4
Fourteenth	2
Fifteenth	0
Sixteenth	5
Seventeenth	5
Eighteenth	13
Nineteenth	22
Twentieth	13
Twenty-first	5
Twenty-second	11
Twenty-third	6
Twenty-fourth	7
Twenty-fifth	10
Twenty-sixth	14
Twenty seventh	17
Twenty-eighth	00
Twenty-ninth	7
Thirtieth	7
Thirty-first	11

Nativity, &c.	
United States	181
Foreign	52
Unknown	6
People of Color	13
From Almsho'se	7
Males	126
Females	113
Boys	59
Girls	52

Premature Birth.	
Males	2
Females	1
Total	3

Still-Born.	
Males	8
Females	9
Total	17

Digitized by Google

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE

WEEK ENDING SATURDAY, JUNE 14, 1879.

Month and Day.	BAROMETER.				THERMOMETER.						REL. HUMIDITY			DIRECTION of WIND			VELOCITY OF WIND.			STATE OF WEATHER.			RAIN.
1879. JUNE.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 8	30.24	30.13	30.07	30.13	60	71	68	66.7	75	55	55	45	56	N W	N W	W	8	12	6	Clear	Clear	Fair	
Monday, 9	30.10	30.04	29.99	30.03	64	76	70	70.0	78	62	68	49	70	W	S W	S	4	10	10	Cloudy	Clear	Clear	*–
Tuesday, 10	29.97	29.88	29.92	29.92	67	86	79	77.7	87	64	89	55	78	S W	S W	S W	9	16	10	Clear	Clear	H'y Rain	.55
Wednes'y, 11	29.94	29.92	29.92	29.93	73	81	76	76.5	84	69	85	70	77	W	S W	W	12	9	9	Fair	Fair	Fair	.74
Thursday, 12	29.84	29.75	29.76	29.78	70	80	71	73.0	81	68	90	74	80	S W	S W	N E	7	6	6	Cloudy	Fair	Clear	.07
Friday, 13	29.78	29.82	29.90	29.85	69	77	70	71.5	78	66	75	46	44	N	N	N	17	16	8	Fair	Clear	Clear	
Saturday, 14	29.97	29.89	29.80	29.87	63	75	71	70.0	78	57	57	52	66	N E	S	S W	9	7	12	Fair	Fair	Fair	
Means				29.93	...	...	...	72.2	...	...							...	...	...				1.36

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea

Barometer corrected for temperature, elevation above sea, and instrumental error. * Precipitation too small to measure.

Digitized by Google

Week Ending Saturday, June 21, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Aneurism of the Aorta	1	
Anemia		1
Apoplexy	8	
Bright's Disease	2	1
Burns and Scalds	1	
Cancer of the Breast	1	
" " Bowels	2	
" " Rectum	1	
" " Stomach	1	
Casualties		3
Cerebro-spinal Meningitis		2
Congestion of Brain	1	4
" Lungs	2	1
Child-Bed	1	
Cholera Infantum		9
Cirrhosis of the Liver	2	
Consumption of Lungs	32	6
Convulsions		10
Croup		1
Debility	4	5
Diarrhœa	2	
Diphtheria		2
Dropsy	3	
" of the Brain		4
" " Lungs	1	
" " Ovaries	1	
Disease of Heart	11	4
" Ovaries	1	
Drowned	2	2
Epilepsy	1	
Erysipelas	3	1
Fever, Remittent		1
" Scarlet		3
" Typhoid	2	
Fracture of Skull	1	
" Thigh	1	
Gangrene of Lungs	1	
" Senilis	1	
Hemorrhage, Bowels	1	
" Uterus	1	1
Hernia, Strangulated	1	
Hooping Cough		2
Hypertrophy of Heart	2	
Inflammat'n, Brain	1	4
" Bronchi	2	3
" Lungs	2	1
" Pericard'm	3	1
" Peritoneum	3	
" Pleura	2	

CAUSES OF DEATH.	ADULTS.	MINORS.
Inflam'at'n, S. & Bowels	2	4
Inanition	1	8
Jaundice	2	1
Locomotor Ataxy	1	
Marasmus	1	8
Murder	1	
Mitral Regurgitation		1
Neuralgia of the Heart	1	
Old Age	8	
Paralysis	3	
Pyemia		1
Sciatica		1
Scrofula		1
Septicæmia	1	
Softening of Brain	2	
Spina Bifida		1
Stricture of Œsophagus	1	
Suffocation		1
Syncope		1
Syphilis		1
Tumor, Ovarian	1	
Tetanus		1
Unknown		1
Uræmia	3	1
	136	104

Of the above there were:

Under 1 year	54
From 1 to 2	11
" 2 to 5	12
" 5 to 10	11
" 10 to 15	7
" 15 to 20	9
" 20 to 30	19
" 30 to 40	26
" 40 to 50	25
" 50 to 60	18
" 60 to 70	15
" 70 to 80	18
" 80 to 90	12
" 90 to 100	1
" 100 to 110	2

DEATHS IN EACH WARD.	
First	15
Second	15
Third	0
Fourth	5
Fifth	8
Sixth	00
Seventh	15
Eighth	6
Ninth	4
Tenth	4
Eleventh	4
Twelfth	2
Thirteenth	3
Fourteenth	3
Fifteenth	10
Sixteenth	4
Seventeenth	10
Eighteenth	14
Nineteenth	8
Twentieth	6
Twenty-first	8
Twenty-second	5
Twenty-third	6
Twenty-fourth	10
Twenty-fifth	9
Twenty-sixth	9
Twenty-seventh	20
Twenty-eighth	5
Twenty-ninth	13
Thirtieth	8
Thirty-first	5

Nativity, &c.

United States	174
Foreign	55
Unknown	11
People of Color	10
From Almsho'se	9
Males	120
Females	120
Boys	55
Girls	49

Premature Birth.

Males	3
Females	0
Total	3

Still-Born.

Males	10
Females	5
Total	15

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, June 21, 1879.

Month and Day.	Barometer.				Thermometer.						Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.
1879. JUNE.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 15	29.66	29.54	29.49	29.54	72	88	82	81.0	88	67	80	59	71	S W	S W	S W	20	22	11	Cloudy	Fair	Fair	
Monday, 16	29.49	29.56	29.80	29.66	76	79	66	71.7	82	63	77	62	69	S W	W	N	13	13	14	Fair	Fair	Clear	.20
Tuesday, 17	29.96	29.99	30.08	30.02	61	69	62	63.5	71	58	66	52	56	N W	N W	N	18	17	12	Clear	Fair	Clear	
Wednes'y, 18	30.15	30.13	30.17	30.15	57	68	63	62.7	70	54	69	56	67	N W	N	N E	17	9	4	Clear	Cloudy	Lt. Rain	.02
Thursday, 19	30.22	30.23	30.24	30.23	60	70	64	64.5	70	55	77	53	78	N E	E	N E	11	14	6	Clear	Fair	Clear	
Friday, 20	30.29	30.24	30.22	30.24	62	72	65	66.0	74	57	77	54	68	E	S	S	4	6	8	Hazy	Fair	Clear	
Saturday, 21	30.26	30.18	30.20	30.21	63	77	66	68.0	79	58	78	49	64	S W	S W	S W	7	8	12	Clear	Fair	Clear	
Means.....				30.01	...	...	...	68.2	...	...							...	...	...				.22

The surface of the mercury in the cistern of Barometer is 46.0 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

Week Ending Saturday, June 28, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Kidney	1	
Aneurism of Aorta	1	
Apoplexy	7	
Bright's Disease	3	3
Burns and Scalds	2	1
Cancer of the Stomach	1	
" " Uterus	1	
Casualties	4	
Cerebro Spinal Meningitis		3
Congestion of Brain	2	2
" Lungs	2	1
Cholera Infantum		12
Consumption of Lungs	40	4
Convulsions		12
Croup		2
Cyanosis		1
Debility	5	5
Diarrhœa		1
Diphtheria		5
Dropsy	1	
" of the Brain	1	
" " Heart	1	
Disease of Heart	10	
" Liver	2	
" Lungs	1	
Drowned	4	4
Dysentery		2
Effusion on Brain		1
" Heart		1
Epilepsy	2	
Erysipelas	1	1
Fatty Liver	1	
Fever, Bilious	1	
" Scarlet		7
" Typhoid	2	
Gangrene of Kidney	1	
" Lung	1	
Hemorrhage from Brain		1
Hooping Cough		2
Inflammat'n, Brain	1	1
" Bronchi	1	3
" Larynx		1
" Lungs	5	4
" Peritoneum	5	1
" S. & Bow'ls	3	5
Inanition		7
Jaundice	1	1
Marasmus	1	10
Murder	1	
Old Age	10	
Obstruction of Bowels	1	
Paralysis	3	
Pyemia		1
Rheumatism of Brain	1	
Rupture of Uterus	1	
Scrofula	1	
Softening of Stomach	1	
Stricture of Bowels	1	
Suicide, Arsenic	1	
" Cutting Throat	1	
" Shooting	1	
Syphilis		2
Tabes Mesenterica	1	
Tumor, Ovarian	1	
Trismus Nascentium		1
Tetanus	1	1
Ulceration of Stomach	1	
Uræmia	2	
	141	109

Of the above there were:

Under 1 year	51
From 1 to 2	22
" 2 to 5	16
" 5 to 10	10
" 10 to 15	4
" 15 to 20	6
" 20 to 30	35
" 30 to 40	29
" 40 to 50	16
" 50 to 60	24
" 60 to 70	16
" 70 to 80	15
" 80 to 90	8
" 90 to 100	1
" 100 to 110	0

DEATHS IN EACH WARD.	
First	12
Second	7
Third	8
Fourth	7
Fifth	6
Sixth	2
Seventh	11
Eighth	10
Ninth	3
Tenth	4
Eleventh	6
Twelfth	5
Thirteenth	4
Fourteenth	9
Fifteenth	13
Sixteenth	9
Seventeenth	12
Eighteenth	12
Nineteenth	16
Twentieth	6
Twenty-first	4
Twenty-second	2
Twenty-third	13
Twenty-fourth	7
Twenty-fifth	12
Twenty-sixth	6
Twenty seventh	18
Twenty-eighth	3
Twenty-ninth	13
Thirtieth	4
Thirty-first	9

Nativity, &c.

United States	183
Foreign	57
Unknown	13
People of Color	14
From Almsho'se	10
Males	146
Females	107
Boys	65
Girls	44

Premature Birth.

Males	2
Females	4
Total	6

Still-Born.

Males	1
Females	6
Total	7

Digitized by Google

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE

WEEK ENDING SATURDAY, JUNE 28, 1879.

Month and Day.	BAROMETER.				THERMOMETER.						REL. HUMIDITY			DIRECTION of WIND			VELOCITY OF WIND.			STATE OF WEATHER.			RAIN.
1879. JUNE.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 22	30.16	30.08	30.05	30.08	63	74	69	68.7	75	60	72	55	61	S W	S	S	5	5	10	Cloudy	Cloudy	Clear	*–
Monday, 23	30.07	30.04	30.07	30.07	70	83	75	75.7	85	64	75	60	77	N W	S E	S	4	6	13	Clear	Fair	Clear	
Tuesday, 24	30.15	30.15	30.18	30.16	72	85	74	76.2	87	68	80	54	81	S W	S E	S	2	5	10	Fair	Cloudy	Fair	
Wednes'y, 25	30.19	30.11	30.12	30.13	69	77	66	69.5	77	64	85	65	95	S	N E	W	2	6	8	Cloudy	Cloudy	Lt. Rain	.69
Thursday, 26	30.13	30.08	30.05	30.07	69	81	77	76.0	84	66	90	87	82	S	S W	S	8	10	12	Fair	Cloudy	Fair	.02
Friday, 27	30.03	29.93	29.91	29.94	74	89	83	82.2	90	70	81	47	67	S W	W	W	8	14	3	Clear	Fair	Cloudy	
Saturday, 28	29.85	29.74	29.72	29.76	76	89	76	79.2	91	73	77	50	73	S W	S W	S W	13	17	12	Fair	Fair	Cloudy	.04
Means				30.03	...	...	...	75.3	...	...							...	...	...				.75

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error. * Precipitation too small to measure.

Digitized by Google

Week Ending Saturday, July 5, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Breast		1
" Liver	1	1
" Lungs		1
" Psoas	1	
Asthma	1	
Apoplexy	1	
Bright's Disease	4	
Burns and Scalds	1	1
Cancer of the Bowels	3	
" " Breast	2	
" " Colon	1	
" " Liver	1	
" " Ovaries	1	
" " Omentum	1	
" " Stomach	1	
" " Tongue	1	
" " Uterus	1	
Casualties	3	3
Congestion of Brain		3
" Lungs		3
Cholera Infantum		52
" Morbus	1	1
Concussion of Brain	1	
Consumption of Bowels	1	
" " Lungs	35	5
Convulsions		11
Cramps		1
Croup		1
Cyanosis		3
Debility	3	7
Diarrhœa	2	1
Dropsy		1
" Abdominal	1	
" of the Brain		2
Disease of Brain	1	
" Heart	6	2
" Liver	1	
Drowned	3	
Emphysema	1	
Erysipelas	2	
Enlargement of Heart		1
Fever, Catarrhal		1
" Puerperal	1	
" Scarlet		8
" Typhoid	4	1
Heart Clot	1	
Hemorrhage, Bladder	1	
" Lungs	1	
Hooping Cough		3
Hypertrophy of Heart	1	
Inflam'at'n, Brain	2	11
" Bronchi	1	2
" Bladder	2	
" Kidneys		1
" Larynx	1	
" Liver	1	
" Lungs	7	1
" Pericard'm	2	
" Peritoneum	1	1
" Pleura		1
" S. & Bow'ls.	5	7
" Spleen	1	
" Spine		1
" Uterus	1	
Intemperance	1	
Inanition	1	11
Marasmus		8
Murder	1	
Measles		1
Neuralgia of the Heart	1	
Old Age	8	...
Paralysis	5	
Pyemia	1	1
Sclerosis	1	
Shock	1	
Septicæmia	1	
Softening of Brain	4	
Stricture of Œsophagus	1	
Sunstroke	1	1
Tabes Mesenterica	1	
Uræmia	1	
	144	161

Of the above there were:

Under 1 year	100
From 1 to 2	20
" 2 to 5	19
" 5 to 10	11
" 10 to 15	3
" 15 to 20	8
" 20 to 30	20
" 30 to 40	24
" 40 to 50	22
" 50 to 60	28
" 60 to 70	19
" 70 to 80	22
" 80 to 90	6
" 90 to 100	3
" 100 to 110	0

DEATHS IN EACH WARD.	
First	15
Second	15
Third	10
Fourth	5
Fifth	11
Sixth	6
Seventh	15
Eighth	4
Ninth	5
Tenth	12
Eleventh	12
Twelfth	4
Thirteenth	6
Fourteenth	5
Fifteenth	16
Sixteenth	1
Seventeenth	12
Eighteenth	12
Nineteenth	12
Twentieth	12
Twenty-first	4
Twenty-second	9
Twenty-third	3
Twenty fourth	9
Twenty-fifth	13
Twenty-sixth	11
Twenty-seventh	20
Twenty-eighth	12
Twenty-ninth	11
Thirtieth	9
Thirty first	14

Nativity, &c

United States	226
Foreign	65
Unknown	14
People of Color	16
From Almsho'se	9
Males	153
Females	152
Boys	85
Girls	76

Premature Birth.

Males	0
Females	3
Total	3

Still-Born.

Males	8
Females	4
Total	12

Digitized by Google

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE

WEEK ENDING SATURDAY, JULY 5, 1879.

Month and Day.	BAROMETER.				THERMOMETER.					REL. HUMIDITY			DIRECTION OF WIND			VELOCITY OF WIND.			STATE OF WEATHER.			RAIN.	
1879. JUNE.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 29	29.68	29.68	29.82	29.75	76	73	71	72.7	82	69	86	81	71	W	N W	N	10	12	12	Cloudy	Lt. Rain	Cloudy	.18
Monday, 30	29.96	29.98	30.10	30.03	67	79	72	72.5	80	64	69	43	46	N	N	N	15	12	11	Clear	Cloudy	Clear	
JULY. Tuesday, 1	30.25	30.24	30.26	30.25	67	79	70	71.5	81	61	50	37	66	N	N E	S	10	6	12	Clear	Clear	Clear	
Wednes'y, 2	30.29	30.21	30.16	30.20	67	83	73	74.0	86	64	74	43	67	S W	W	S W	6	13	10	Clear	Clear	Clear	
Thursday, 3	30.13	30.05	30.00	30.05	71	91	83	82.0	92	67	80	45	60	W	S W	S W	11	14	10	Clear	Fair	Clear	
Friday, 4	29.99	29.88	29.87	29.90	75	92	82	82.7	93	72	68	40	67	S W	S W	S W	16	22	12	Clear	Fair	Cloudy	
Saturday 5	30.08	30.18	30.21	30.17	67	72	64	66.7	80	63	74	54	78	N E	N E	S E	25	14	11	Cloudy	Cloudy	Clear	
Means.....				30.05	...	...	...	74.6	...	...							...	...	...				.18

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

Week Ending Saturday, July 12, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Liver	1	
" Throat	1	
Aneurism, Abd'nal Art'y	2	
Asthma	2	
Asphyxia	1	1
Apoplexy	2	
Bright's Disease	3	
Burns and Scalds		1
Cancer of the Breast	1	
" " Leg	1	
" " Liver	3	
" " Uterus	3	
Casualties	2	
Cerebro Spinal Meningitis		1
Congestion of Brain	5	6
" Liver	1	
" Lungs	1	
Cholera Infantum		76
" Morbus	1	
Cirrhosis of the Liver	3	
Concussion of Brain		1
Consumption of Lungs	45	10
Convulsions		19
Croup		7
Cyanosis		4
Debility	4	8
Diarrhœa	3	1
Diphtheria		6
Dropsy	5	
" Abdominal	2	
" of the Brain		6
" " Lungs	1	
Disease of Brain	2	1
" Heart	6	3
" Kidneys	2	
" Liver	2	
" Spine	1	
Drowned	6	4
Dysentery	1	3
Effusion on Brain		1
Embolism of Brain	1	
" Heart	1	
Erysipelas	2	
Fever, Puerperal	3	
" Scarlet		10
" Typhoid	3	3
Fracture of Skull	2	
Gangrene, Senile	1	
Hemorrhage from Lungs		1
Hemorrhage, Uterus	1	
Hooping Cough		4
Hypertrophy of Heart	1	
Inflam'at'n, Brain	2	4
" Bronchi	2	2
" Larynx	1	
" Liver	1	
" Lungs	4	4
" Pericardi'm	2	
" Peritoneum	3	1
" Pleura	1	
" Prostate.	1	
" S. & Bow'ls	5	4
Intemperance	3	
Insanity	2	
Inanition		10
Marasmus		19
Murder	2	
Neuralgia of the Heart	1	
Old Age	12	
Ossification of the Heart	1	
Paralysis	11	
Pyemia	2	
Rheumatism of Heart	1	
Scrofula		1
Septicæmia	2	
Sore Mouth		1
Softening of Brain	3	
Spina Bifida		1
Suicide, Hanging	1	
" Shooting	1	
Teething		2
Tetanus	1	1
Unknown		1
Uræmia	2	
Wounds, Gunshot	1	1
	196	229

Of the above there were:

Under 1 year	147
From 1 to 2	38
" 2 to 5	18
" 5 to 10	9
" 10 to 15	4
" 15 to 20	13
" 20 to 30	26
" 30 to 40	33
" 40 to 50	35
" 50 to 60	32
" 60 to 70	27
" 70 to 80	30
" 80 to 90	11
" 90 to 100	2

DEATHS IN EACH WARD.	
First	26
Second	21
Third	10
Fourth	25
Fifth	10
Sixth	4
Seventh	24
Eighth	10
Ninth	4
Tenth	14
Eleventh	11
Twelfth	9
Thirteenth	6
Fourteenth	9
Fifteenth	22
Sixteenth	11
Seventeenth	12
Eighteenth	19
Nineteenth	18
Twentieth	13
Twenty-first	12
Twenty-second	7
Twenty-third	10
Twenty-fourth	16
Twenty-fifth	13
Twenty-sixth	15
Twenty seventh	16
Twenty-eighth	10
Twenty-ninth	18
Thirtieth	13
Thirty-first	17

Nativity, &c.

United States	328
Foreign	79
Unknown	18
People of Color	24
From Almsho'se	7
Males	227
Females	188
Boys	130
Girls	99

Premature Birth.

Males	2
Females	4
Total	6

Still-Born.

Males	17
Females	2
Total	19

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, July 12, 1879.

Month and Day.	Barometer.				Thermometer.						Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.
1879. JULY.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 6	30.26	30.21	30.21	30.22	66	77	66	68.7	78	61	64	46	64	N E	S	S	5	4	12	Clear	Fair	Clear	
Monday, 7	30.21	30.12	30.06	30.11	64	77	68	69.2	77	61	78	46	74	S W	S	S	12	13	19	Fair	Cloudy	Cloudy	*–
Tuesday, 8	29.88	29.79	29.74	29.79	71	82	80	78.2	85	67	90	60	74	S W	W	S W	12	8	6	Cloudy	Cloudy	Clear	.42
Wednes'y, 9	29.87	29.87	29.85	29.86	74	82	75	76.5	82	72	59	42	60	N W	N W	W	15	16	6	Clear	Cloudy	Clear	
Thursday, 10	29.84	29.80	29.80	29.81	70	86	78	78.0	87	67	70	45	69	W	N W	N W	3	16	6	Clear	Cloudy	Cloudy	.13
Friday, 11	29.75	29.67	29.58	29.64	74	86	71	75.5	87	71	81	55	90	W	W	S W	4	9	10	Cloudy	Cloudy	Cloudy	.60
Saturday, 12	29.57	29.74	29.85	29.75	73	77	75	75.0	79	69	81	61	68	W	N E	N E	4	13	6	Cloudy	Cloudy	Clear	.02
Means				29.88	...	...	...	74.4	...	...							...	...	...				1.17

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error. * Precipitation too small to measure.

Digitized by Google

Week Ending Saturday, July 19, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Arm		1
" Liver	1	
" Spine		1
Anemia		1
Apoplexy	7	
Bright's Disease	5	1
Burns and Scalds		1
Cancer of the Breast	1	
" " Liver	2	
" " Neck	1	
" " Ovaries	1	
" " Stomach	1	
" " Tongue	1	
" " Uterus	3	
" " Vertebra	1	
Casualties	3	1
Cerebro spinal Meningitis		1
Congestion of Brain		6
" Heart	1	
" Lungs	1	1
Cholera Infantum		104
" Morbus	1	
Cirrhosis of the Liver	5	
Consumption of Lungs	48	8
Convulsions		16
Croup		1
Cyanosis		3
Debility	9	7
Diarrhœa	1	
Diphtheria		8
Dropsy	3	
" Abdominal	2	1
" of the Brain		4
" " Chest	1	
" " Lungs	1	
" " Ovaries	1	
Disease of Heart	8	2
" Liver	1	
" Lungs		1
Drowned	1	2
Dysentery	1	1
Dyspepsia		1
Embolism of Brain	1	
Epilepsy	1	
Erysipelas	1	
Fever, Scarlet		3
" Typhoid	1	
Gangrene of Foot	1	
Hemorrhage, Lungs	2	
Hernia	1	
Hooping Cough		4
Hypertrophy of Heart	1	
Inflam'at'n, Brain	3	11
" Bronchi		2
" Ear		1
" Kidneys	2	
" Larynx		2
" Liver	1	
" Lungs	5	1
" Peritoneum	4	2
" S. & Bow'ls.	5	7
" Spine		1
Insanity	1	
Inanition		8
Marasmus	1	25
Neuralgia of the Heart	1	
Old Age	11	
Paralysis	8	
Pyemia	1	
Rheumatism of Heart	2	
Scrofula		1
Septicæmia	1	
Suicide, by Rail	1	
Teething		3
Tetanus	1	1
Thrombosis		1
Tumor of Brain	1	
" Ovarian	3	
Uræmia	1	
Wounds, Gunshot		1
	174	247

Of the above there were:

Under 1 year	167
From 1 to 2	38
" 2 to 5	20
" 5 to 10	4
" 10 to 15	4
" 15 to 20	11
" 20 to 30	33
" 30 to 40	34
" 40 to 50	23
" 50 to 60	27
" 60 to 70	21
" 70 to 80	24
" 80 to 90	8
" 90 to 100	4

DEATHS IN EACH WARD.	
First	33
Second	16
Third	7
Fourth	16
Fifth	12
Sixth	2
Seventh	22
Eighth	5
Ninth	7
Tenth	8
Eleventh	11
Twelfth	12
Thirteenth	6
Fourteenth	9
Fifteenth	23
Sixteenth	13
Seventeenth	12
Eighteenth	11
Nineteenth	27
Twentieth	13
Twenty-first	9
Twenty-second	10
Twenty-third	10
Twenty fourth	18
Twenty-fifth	17
Twenty-sixth	19
Twenty-seventh	24
Twenty-eighth	8
Twenty-ninth	21
Thirtieth	10
Thirty-first	10

Nativity, &c.

United States	341
Foreign	66
Unknown	14
People of Color	23
From Almsho'se	9
Males	209
Females	212
Boys	129
Girls	118

Premature Birth.

Males	0
Females	2
Total	2

Still-Born.

Males	12
Females	7
Total	19

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, July 19, 1879.

Month and Day.	Barometer.				Thermometer.						Rel. Humidity			Direction of Wind.			Velocity of Wind.			State of Weather.			Rain.
1879. JULY.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 13	29.96	29.97	29.99	29.98	70	84	73	75.0	86	67	66	44	59	N E	E	S	5	4	7	Clear	Fair	Clear	
Monday, 14	30.03	30.00	30.01	30.01	72	85	76	77.2	87	65	51	38	56	S W	W	S W	3	13	10	Hazy	Clear	Clear	
Tuesday, 15	30.01	29.93	29.92	29.95	73	92	84	83.2	93	69	76	48	71	S W	W	S W	7	14	8	Clear	Clear	Fair	
Wednes'y, 16	29.91	29.80	29.79	29.82	79	95	87	87.0	96	75	78	44	55	W	S W	N	5	13	10	Hazy	Clear	Lt. Rain	*–
Thursday, 17	29.82	29.80	29.90	29.86	75	83	75	77.0	85	70	72	33	52	N	N	N	12	24	12	Clear	Clear	Clear	
Friday, 18	29.96	29.97	30.05	30.01	66	77	70	70.7	80	64	64	38	66	N	N	S E	11	10	8	Clear	Fair	Cloudy	
Saturday, 19	30.12	30.13	30.18	30.15	66	76	68	69.5	77	63	54	34	65	N E	N E	S E	10	10	6	Clear	Fair	Clear	
Means.....				29.97	..	...	...	77.1	...	...							...	...	...				

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error. * Precipitation too small to measure.

Digitized by Google

Week Ending Saturday, July 26, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Pleura		1
" Lumbar	1	
Asphyxia		1
Apoplexy	4	
Bright's Disease	4	1
Burns and Scalds	1	
Cancer of the Breast	3	
" " Œsophag's	1	
" " Pylorus	1	
" " Stomach	1	
" " Uterus	2	
Casualties	1	1
Congestion of Brain	3	0
" Lungs		4
Cholera Infantum		105
" Morbus	3	1
Cirrhosis of the Liver	1	
Concussion of Brain	1	1
Consumption of Bowels	1	
" Lungs	33	3
Convulsions		15
" Puerperal	1	
Croup		1
Debility	4	5
Diarrhœa	4	2
Diphtheria		4
Dropsy of the Brain		2
Diabetes	2	
Disease of Heart	11	1
" Face	1	
" Kidneys		1
Drowned	5	1
Dysentery	3	
Erysipelas	1	2
Enlargement of Heart		1
Fever, Remittent		1
" Scarlet		6
" Typhoid	3	1
Gout	1	
Gangrene of Foot	2	
Heart Clot	1	
Hemorrhage, Brain	1	
" Lungs		1
" Uterus	1	
Hernia	1	
Hooping Cough		2
Inflammat'n, Brain	2	8
" Bronchi	4	
" Bladder	1	
Inflam'ati'n Kidneys	1	
" Larynx	1	
" Liver	2	
" Lungs	5	2
" Peritoneum	2	1
" S. & Bow'ls	3	11
Intemperance	1	
Inanition	1	14
Jaundice	2	
Locomotor Ataxy	1	
Marasmus		29
Measles		1
Old Age	20	
Obstruction of Bowels	1	
Paralysis	7	
Sclerosis, Cerebro Spinal	1	
Softening of Brain	1	
Sunstroke	1	
Tabes Mesenterica		1
Teething		2
Tetanus	1	
Tumor of Liver	1	
Wounds, Gunshot		1
	162	243

Of the above there were:

Under 1 year	175
From 1 to 2	39
" 2 to 5	11
" 5 to 10	7
" 10 to 15	3
" 15 to 20	8
" 20 to 30	21
" 30 to 40	23
" 40 to 50	20
" 50 to 60	31
" 60 to 70	24
" 70 to 80	22
" 80 to 90	12
" 90 to 100	4
" 100 to 110	0

DEATHS IN EACH WARD.	
First	24
Second	20
Third	16
Fourth	11
Fifth	11
Sixth	4
Seventh	16
Eighth	7
Ninth	6
Tenth	13
Eleventh	6
Twelfth	6
Thirteenth	7
Fourteenth	14
Fifteenth	19
Sixteenth	4
Seventeenth	7
Eighteenth	18
Nineteenth	22
Twentieth	21
Twenty-first	11
Twenty-second	10
Twenty-third	17
Twenty-fourth	15
Twenty-fifth	14
Twenty-sixth	19
Twenty seventh	26
Twenty-eighth	6
Twenty-ninth	19
Thirtieth	10
Thirty-first	6

Nativity, &c.

United States	318
Foreign	69
Unknown	18
People of Color	26
From Almsho'se	12
Males	189
Females	216
Boys	110
Girls	133

Premature Birth.

Males	0
Females	3
Total	3

Still-Born.

Males	14
Females	13
Total	27

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, July 26, 1879.

Month and Day.	Barometer.				Thermometer.					Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.	
1879. JULY.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 20	30.28	30.24	30.27	30.26	64	78	66	68.5	78	61	78	39	69	E	S E	S	5	6	10	Clear	Fair	Clear	
Monday 21	30.28	30.18	30.16	30.19	66	79	70	71.2	81	62	79	47	66	S	S W	S	4	12	11	Clear	Fair	Clear	
Tuesday, 22	30.09	29.98	29.92	29.98	70	87	75	76.7	89	66	85	42	77	S W	S W	S	12	16	11	Fair	Fair	Cloudy	
Wednes'y. 23	29.84	29.77	29.77	29.79	73	83	83	80.5	87	70	76	60	60	S W	N W	S W	8	9	3	Cloudy	Cloudy	Cloudy	
Thursday, 24	29.85	29.90	29.98	29.93	73	31	74	75.5	82	71	90	67	76	E	E	S E	1	12	6	Cloudy	Fair	Fair	.75
Friday, 25	30.02	29.97	29.94	29.97	70	73	69	70.2	73	69	90	81	95	E	E	N E	14	13	12	Cloudy	Cloudy	Lt. Rain	.05
Saturday, 26	29.90	29.83	29.75	29.81	67	73	72	71.0	78	67	95	95	95	N E	N E	E	14	8	8	Cloudy	Lt. Rain	Cloudy	1.62
Means				29.99	...	...	...	73.4	...	...							...	...	...				2.42

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

Week Ending Saturday, August 2, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Pleura	1	
Apoplexy	6	
Bright's Disease	4	
Burns and Scalds		1
Cancer, Diffused	1	
" of the Breast	1	
" " Bowels	1	
" " Liver	2	
" " Spleen		1
" " Parotid Gl'd.	1	
" " Uterus	2	
Casualties	2	1
Cerebro spinal Meningitis		3
Congestion of Brain		2
" Liver	1	1
" Lungs	1	1
Cholera Infantum		63
" Morbus	2	
Cirrhosis of the Liver	1	1
Compression of Brain		1
Consumption of Lungs	28	2
Convulsions		11
" Puerperal	1	
Croup		3
Cyanosis		2
Debility	5	5
Diarrhœa	3	4
Dropsy	3	
" Abdominal	2	
" of the Brain		3
" " Lungs		1
Diabetes	1	1
Disease of Heart	9	1
" Liver	1	
Drowned		1
Dysentery	1	3
Effusion on Brain		1
Epilepsy	1	
Emphysema of Lungs		1
Fatty Liver	2	
Fever, Intermittent	1	
" Remittent	2	1
" Scarlet		4
" Typhoid	8	
Fracture of Pelvis	1	
Hemorrhage, Lungs	1	
Hernia	1	
Hooping Cough		3
Hypertrophy of Heart	2	

CAUSES OF DEATH.	ADULTS.	MINORS.
Inflam'at'n, Brain	3	12
" Bronchi	1	2
" Liver	1	
" Lungs	5	1
" Peritoneum	1	
" S. & Bow'ls.	1	9
" Veins	2	
Intemperance	2	
Inanition		9
Intussusception		1
Mania a potu	1	
Marasmus		17
Measles		1
Neuralgia of the Heart	1	
Old Age	12	
Obstruction of Bowels		1
" Liver		1
Paralysis	10	
Pyemia	1	
Rheumatism of Heart	2	
Scrofula	1	1
Sore Mouth		1
Softening of Brain	3	
Spasm of Glottis		1
Ulceration of Bowels		1
" Leg	1	
Uræmia	1	
Wounds, Gunshot	1	
	140	180

Of the above there were:

Under 1 year	128
From 1 to 2	20
" 2 to 5	21
" 5 to 10	5
" 10 to 15	3
" 15 to 20	3
" 20 to 30	26
" 30 to 40	32
" 40 to 50	14
" 50 to 60	27
" 60 to 70	23
" 70 to 80	14
" 80 to 90	11
" 90 to 100	1
" 100 to 110	1

DEATHS IN EACH WARD.	
First	17
Second	17
Third	8
Fourth	12
Fifth	3
Sixth	3
Seventh	.
Eighth	. .
Ninth	4
Tenth	6
Eleventh	5
Twelfth	7
Thirteenth	5
Fourteenth	6
Fifteenth	18
Sixteenth	4
Seventeenth	12
Eighteenth	6
Nineteenth	14
Twentieth	18
Twenty-first	6
Twenty-second	11
Twenty-third	7
Twenty fourth	19
Twenty-fifth	13
Twenty-sixth	23
Twenty-seventh	19
Twenty-eighth	7
Twenty-ninth	14
Thirtieth	12
Thirty-first	5

Nativity, &c.

United States	264
Foreign	54
Unknown	11
People of Color	25
From Almshouse	9
Males	175
Females	154
Boys	97
Girls	83

Premature Birth.

Males	1
Females	1
Total	2

Still-Born.

Males	9
Females	6
Total	15

Digitized by Google

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE

WEEK ENDING SATURDAY, AUGUST 2, 1879.

Month and Day.	BAROMETER.				THERMOMETER.						REL. HUMIDITY			DIRECTION of WIND			VELOCITY OF WIND.			STATE OF WEATHER.			RAIN.
1879. JULY.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 27	29.85	29.84	29.90	29.87	72	86	79	79.0	88	71	85	51	82	N W	W	S W	14	10	6	Fair	Fair	Clear	.02
Monday, 28	29.96	29.92	29.95	29.94	76	88	78	80.0	88	74	86	49	78	W	N E	S W	7	5	4	Fair	Cloudy	Cloudy	.01
Tuesday, 29	29.98	29.95	29.98	29.97	73	83	78	78.0	84	72	72	50	78	N W	S	S W	7	10	6	Cloudy	Cloudy	Cloudy	
Wednes'y, 30	30.01	30.03	30.05	30.04	74	78	76	76.0	79	73	86	78	77	S W	S W	S W	6	12	8	Cloudy	Cloudy	Cloudy	
Thursday, 31	30.14	30.13	30.15	30.14	73	85	78	78.5	86	72	95	47	82	S W	E	S	2	7	8	Foggy	Fair	Cloudy	
AUGUST. Friday, 1	30.17	30.12	30.14	30.14	74	87	78	79.2	88	71	86	55	82	S W	S W	S W	6	9	9	Fair	Fair	Clear	
Saturday, 2	30.11	30.03	30.06	30.07	75	90	79	80.7	91	72	90	53	70	S W	W	W	6	8	8	Clear	Clear	Clear	
Means.....				30.03				78.8															.03

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

Week Ending Saturday, August 9, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Brain		1
" Lung	1	
Asthma	1	
Apoplexy	4	
Burns and Scalds		1
Cancer of the Breast	1	
" " Face	1	
" " Kidney	1	
" " Rectum	1	
" " Uterus	1	
Cerebro Spinal Meningitis		1
Congestion of Brain	1	5
" Lungs		2
Cholera Infantum		100
" Morbus	4	1
Cirrhosis of the Liver	1	
Colic	1	
Consumption of Lungs	37	7
Convulsions		16
Cramps		1
Cyanosis		3
Debility	8	3
Diarrhœa	5	3
Diphtheria	1	4
Dropsy, Abdominal	1	
" of the Brain		3
" " Heart	2	
Disease of Heart	5	1
Drowned		1
Dysentery	1	3
Eczema		1
Erysipelas	2	1
Fatty Degen. of Heart	1	
Fever, Puerperal	2	
" Remittent	1	
" Scarlet		7
" Typhoid	7	1
Fracture of Thigh	1	
Hemorrhage, Bowels		1
" Lungs	1	
Hernia	1	
Hooping Cough		4
Inflammat'n, Brain	2	12
" Bronchi		2
" Bladder	1	
" Liver	3	
" Lungs	5	5
" Pericardi'm	1	
" Peritoneum	2	1

CAUSES OF DEATH.	ADULTS.	MINORS.
Inflam'ati'n, S. & Bow'ls.	3	9
Inanition	1	12
Jaundice		1
Mania a potu	2	
Marasmus		23
Neuralgia of the Heart	2	
Old Age	12	
Paralysis	9	
Pyemia	3	1
Rheumatism	1	
Rupture of Aorta	1	
Scrofula	1	1
Septicæmia	1	
Sore Mouth		1
Softening of Brain	1	
Suicide, Drowning	1	
Suppression of Urine		1
Teething		2
Tumor of Abdomen	1	
Wounds, Gunshot	1	1
	148	243

Of the above there were:

Under 1 year	165
From 1 to 2	42
" 2 to 5	15
" 5 to 10	5
" 10 to 15	5
" 15 to 20	11
" 20 to 30	31
" 30 to 40	28
" 40 to 50	18
" 50 to 60	17
" 60 to 70	25
" 70 to 80	19
" 80 to 90	9
" 90 to 100	1
" 100 to 110	0

DEATHS IN EACH WARD.	
First	24
Second	16
Third	12
Fourth	12
Fifth	5
Sixth	3
Seventh	15
Eighth	10
Ninth	3
Tenth	9
Eleventh	7
Twelfth	6
Thirteenth	6
Fourteenth	9
Fifteenth	16
Sixteenth	7
Seventeenth	9
Eighteenth	10
Nineteenth	12
Twentieth	11
Twenty-first	12
Twenty-second	16
Twenty-third	9
Twenty-fourth	23
Twenty-fifth	22
Twenty-sixth	27
Twenty seventh	29
Twenty-eighth	12
Twenty-ninth	15
Thirtieth	18
Thirty-first	6

Nativity, &c.

United States	317
Foreign	61
Unknown	13
People of Color	25
From Almsho'se	13
Males	215
Females	176
Boys	125
Girls	118

Premature Birth.

Males	3
Females	3
Total	6

Still-Born.

Males	12
Females	8
Total	20

Digitized by Google

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE

WEEK ENDING SATURDAY, AUGUST 9, 1879.

Month and Day.	BAROMETER.				THERMOMETER.						REL. HUMIDITY			DIRECTION of WIND			VELOCITY OF WIND.			STATE OF WEATHER.			RAIN.
1879. AUGUST.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 3	30.03	29.93	29.93	29.95	77	91	81	82.5	93	74	77	48	67	S W	S W	W	4	14	10	Clear	Fair	Fair	
Monday, 4	29.95	29.89	29.92	29.92	78	81	74	76.7	88	74	73	67	86	N W	W	E	9	6	6	Fair	Threat'g	Cloudy	.19
Tuesday, 5	29.92	29.87	29.86	29.88	75	88	81	81.2	89	72	86	56	78	N W	W	S W	8	7	13	Clear	Fair	Cloudy	
Wednes'y, 6	29.83	29.84	29.85	29.84	78	87	82	82.2	88	75	73	49	49	N W	N W	N E	16	14	3	Clear	Fair	Fair	
Thursday, 7	29.91	29.85	29.81	29.84	71	69	72	71.0	79	68	71	90	85	S	N E	E	10	14	6	Cloudy	Lt. Rain	Cloudy	.32
Friday, 8	29.73	29.77	29.84	29.79	73	79	75	75.5	82	70	90	62	64	W	N W	N	7	16	11	Cloudy	Cloudy	Clear	.32
Saturday, 9	29.97	29.97	30.00	29.98	64	66	65	65.0	76	62	63	59	58	N	N	N	10	4	10	Cloudy	Cloudy	Fair	
Means				29.89				76.3															.83

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

Week Ending Saturday, August 16, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Asthma	1	1
Asphyxia		2
Apoplexy	6	
Bright's Disease	3	
Cancer, Diffused	2	
" of the Neck	1	
" " Rectum	1	
" " Stomach	2	
" " Tonsils	1	
" " Uterus	2	
Casualties	3	1
Cerebro-spinal Meningitis	1	
Congestion of Brain	2	5
" Lungs		1
Child-Bed	1	
Cholera Infantum		61
" Morbus	4	
Cirrhosis of the Liver	5	
Consumption of Bowels	1	
" Lungs	38	4
Convulsions	1	10
Cramps		1
Croup		2
Cyanosis		3
Debility	2	6
Degeneration of Lung	1	
Diarrhœa	3	2
Diphtheria		3
Dropsy	2	
" of the Brain		5
" " Lungs	1	1
Diabetes	1	
Disease of Brain	2	1
" Heart	4	2
Drowned		2
Dysentery	2	2
Erysipelas		1
Fatty Degen. of Heart	1	
Fever, Remittent		1
" Scarlet		5
" Typhoid	5	
Hemorrhage, Lungs	1	
" Uterus	1	
" Umbilical		1
Hooping Cough		6
Inflammat'n, Brain		7
" Bronchi	2	2
" Bladder	1	
" Kidneys	2	

CAUSES OF DEATH.	ADULTS.	MINORS.
Inflam'at'n, Lungs	3	4
" Pericardi'm	1	
" Peritoneum		2
" Spinal Cord	1	
" S. & Bow'ls.	2	12
Inanition		15
Jaundice	1	1
Marasmus	1	27
Old Age	7	
Paralysis	6	
Poisoning, Opium	1	
Rheumatism of Heart	2	
Sore Mouth		1
Softening of Brain	4	
Suicide, Cutting Throat	1	
" Hanging	1	
Syphilis		2
Tabes Mesenterica		1
Tetanus	1	1
Tumor of Brain	1	
Ulceration of Bowels	1	
Uræmia	1	
Wounds, Gunshot	1	
	142	204

Of the above there were:

Under 1 year	136
From 1 to 2	39
" 2 to 5	10
" 5 to 10	10
" 10 to 15	3
" 15 to 20	6
" 20 to 30	26
" 30 to 40	25
" 40 to 50	22
" 50 to 60	23
" 60 to 70	19
" 70 to 80	16
" 80 to 90	10
" 90 to 100	1
" 100 to 110	0

DEATHS IN EACH WARD.	
First	20
Second	11
Third	9
Fourth	10
Fifth	3
Sixth	7
Seventh	22
Eighth	3
Ninth	3
Tenth	3
Eleventh	8
Twelfth	10
Thirteenth	7
Fourteenth	10
Fifteenth	15
Sixteenth	8
Seventeenth	12
Eighteenth	9
Nineteenth	23
Twentieth	13
Twenty-first	4
Twenty-second	9
Twenty-third	17
Twenty-fourth	17
Twenty-fifth	14
Twenty-sixth	12
Twenty-seventh	15
Twenty-eighth	12
Twenty-ninth	13
Thirtieth	15
Thirty-first	17

Nativity, &c.	
United States	274
Foreign	60
Unknown	12
People of Color	13
From Almsho'se	12
Males	170
Females	176
Boys	103
Girls	101

Premature Birth.	
Males	3
Females	1
Total	4

Still-Born.	
Males	10
Females	6
Total	16

Digitized by Google

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE

WEEK ENDING SATURDAY, AUGUST 16, 1879.

Month and Day.	BAROMETER.				THERMOMETER.						REL. HUMIDITY			DIRECTION of WIND			VELOCITY OF WIND.			STATE OF WEATHER.			RAIN.
1879. AUGUS .	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 10	30.03	30.01	30.01	30.02	58	71	71	67.7	76	55	64	41	41	N W	N	N	13	10	2	Clear	Fair	Clear	
Monday, 11	30.09	30.08	30.12	30.10	64	79	70	70.7	81	60	68	43	70	N	S W	S W	2	8	10	Clear	Hazy	Clear	
Tuesday, 12	30.16	30.13	30.15	30.15	67	81	77	75.5	83	64	79	48	69	S W	W	S W	4	10	11	Hazy	Clear	Clear	
Wednes'y, 13	30.15	30.04	30.00	30.05	65	80	70	71.2	81	63	89	41	80	S W	S W	S	5	14	15	Hazy	Clear	Cloudy	
Thursday, 14	29.89	29.81	29.85	29.85	70	83	76	76.2	86	66	90	67	73	S W	S W	S W	12	16	4	Cloudy	Fair	Clear	.02
Friday, 15	29.95	30.01	30.06	30.02	69	75	70	71.0	76	68	65	66	85	N E	N E	E	9	12	11	Cloudy	Threat'g	Lt. Rain	.05
Saturday, 16	29.96	29.85	29.84	29.88	71	79	71	73.0	83	67	100	78	95	E	S	N E	7	9	9	Cloudy	Cloudy	Threat'g	1.36
Means.....				30.01	...	...	...	72.2	...	...							...	...	...				1.43

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

Week Ending Saturday, August 23, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Lungs	1	1
Asphyxia		1
Apoplexy	1	
Bright's Disease	3	
Burns and Scalds	1	
Cancer of the Breast	2	
" " Pylorus	1	
" " Spleen	1	
" " Stomach	2	
" " Uterus	3	
Casualties	3	1
Cerebro Spinal Meningitis		1
Child-Birth	1	
Cholera Infantum		39
" Morbus	1	
Congestion of Brain	1	5
" Liver	1	
" Lungs	1	1
Consumption of Bowels	1	
" Lungs	35	4
Convulsions		11
Cramps		2
Cyanosis		2
Debility	4	7
Degeneration of Arteries	1	
Diarrhœa	1	5
Diabetes	1	
Diphtheria		3
Dropsy	1	
" of the Brain		4
" " Heart	2	
" " Liver	1	
Disease of Heart	5	1
" Liver	1	
Drowned	4	1
Dysentery	4	2
Erysipelas	1	
Emphysema of Lungs	1	
Fatty Heart	1	
Fever, Scarlet		2
" Typhoid	6	4
Hemorrhage, Uterus	1	
Heart Clot	1	
Hernia	3	
Hooping Cough		2
Hypertrophy of Heart	2	
Inflammat'n, Brain		6
" Bronchi	2	3
" Liver	1	

CAUSES OF DEATH.	ADULTS.	MINORS.
Inflam'ati'n, Lungs	3	2
" Peritoneum	2	1
" S. & Bow'ls.	3	6
Intemperance	2	
Insanity	2	
Inanition		11
Marasmus		20
Old Age	16	
Obstruction of Bowels	1	1
Paralysis	2	
Pyemia		1
Shock	1	
Softening of Brain	2	
Suicide, Hanging	1	
Syphilis		1
Teething		1
Tetanus		1
Trismus Nascentium		1
Tumor, Fungo, R. Side	1	
Ulceration of Bowels	1	
	140	154

Of the above there were:

Under 1 year	105
From 1 to 2	25
" 2 to 5	7
" 5 to 10	9
" 10 to 15	1
" 15 to 20	7
" 20 to 30	29
" 30 to 40	28
" 40 to 50	18
" 50 to 60	16
" 60 to 70	21
" 70 to 80	14
" 80 to 90	14
" 90 to 100	0
" 100 to 110	0

DEATHS IN EACH WARD.	
First	19
Second	8
Third	7
Fourth	6
Fifth	7
Sixth	6
Seventh	10
Eighth	9
Ninth	4
Tenth	5
Eleventh	5
Twelfth	3
Thirteenth	5
Fourteenth	8
Fifteenth	16
Sixteenth	4
Seventeenth	11
Eighteenth	7
Nineteenth	16
Twentieth	14
Twenty-first	6
Twenty-second	7
Twenty-third	8
Twenty-fourth	10
Twenty-fifth	12
Twenty-sixth	13
Twenty seventh	23
Twenty-eighth	2
Twenty-ninth	23
Thirtieth	14
Thirty-first	6

Nativity, &c.

United States	233
Foreign	48
Unknown	13
People of Color	14
From Almsho'se	14
Males	133
Females	161
Boys	76
Girls	78

Premature Birth.

Males	6
Females	3
Total	9

Still-Born.

Males	6
Females	4
Total	10

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, August 23, 1879.

Month and Day.	Barometer.				Thermometer.						Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.
1879. AUGUST.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 17	29.88	29.89	29.96	29.92	71	76	69	71.2	78	00	95	86	100	S W	S	S	9	13	6	Lt. Rain	Lt. Rain	H'y Rain	2.16
Monday, 18	29.95	29.78	29.79	29.82	69	66	63	65.2	70	62	100	100	83	S E	N E	N W	5	18	24	Lt. Rain	Lt. Rain	Fair	2.32
Tuesday, 19	29.97	30.02	30.07	30.03	63	77	74	72.0	79	57	78	49	68	W	N W	N W	6	15	1	Clear	Clear	Clear	
Wednes'y, 20	30.17	30.13	30.15	30.15	66	79	67	69.7	80	64	84	54	79	N E	S	S	9	4	12	Clear	Fair	Clear	.02
Thursday, 21	30.15	30.08	30.04	30.08	66	80	72	72.5	82	64	95	59	85	S W	S W	S	4	14	8	Foggy	Fair	Clear	
Friday, 22	29.95	29.86	29.81	29.85	71	86	77	77.7	86	67	95	48	69	S W	S W	S W	10	14	15	Cloudy	Fair	Clear	
Saturday, 23	29.78	29.76	29.78	29.77	73	85	74	76.5	86	70	90	61	100	S W	W	N W	13	14	3	Cloudy	Cloudy	Fair	.09
Means				29.95				72.1															4.59

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

Week Ending Saturday, August 30, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, of Liver	1	
Aneurism of the Aorta	3	
Asthma	1	
Asphyxia		1
Apoplexy	4	
Bright's Disease	3	
Cancer, of the Breast	2	
" " Face	1	
" " Larynx	1	
" " Liver	1	
" " Pylorus	1	
" " Uterus	1	
Casualties		3
Child-Birth	1	
Cholera Infantum		40
" Morbus		1
Cirrhosis of the Liver	3	
Congestion of Brain	3	2
" Liver	1	
" Lungs		1
Compression of Brain		1
Consumption of Bowels	1	
" Lungs	48	5
Chorea		1
Convulsions	1	14
Cramps		1
Croup		3
Cyanosis		1
Debauch	1	
Debility	5	5
Diarrhœa	1	1
Diphtheria		1
Dropsy,	1	1
" of the Brain		2
" " Chest	1	
" " Heart	3	
Disease of Heart	5	
" Liver	1	1
" Hip-Joint		1
Drowned	2	1
Dysentery	3	4
Dyspepsia		1
Epilepsy	1	
Enlargement of Prostate	1	
Fatty Heart	1	
Fever, Intermittent	1	
" Puerperal	1	
" Remittent		1
" Scarlet		2
Fever, Typhoid	5	2
" Yellow	1	
Heart Clot	1	
Hemorrhage, Stomach	1	
Hernia, Scrotal	1	
Hooping Cough		4
Inflam'at'n, Brain	3	4
" Bronchi	1	
" Larynx		1
" Lungs	4	3
" Pericardi'm		1
" Peritoneum	3	
" Pleura	1	
" S. & Bow'ls.	2	4
" Spine	1	
Inanition	2	8
Induration of Lungs	1	
Malformation		1
Marasmus		25
Neuralgia of the Heart	1	
Obstruct'n, Fem'l Art'y.	1	
Old Age	11	
Paralysis	7	
Pyemia	1	
Septicæmia	1	
Sore Mouth		1
Softening of Stomach	3	
Starvation	1	
Suicide, Drowning	1	
" Shooting	1	
Teething		1
Tetanus	1	1
Trismus Nascentium		2
	161	153

Of the above there were:

Under 1 year	94
From 1 to 2	26
" 2 to 5	12
" 5 to 10	8
" 10 to 15	4
" 15 to 20	9
" 20 to 30	32
" 30 to 40	31
" 40 to 50	31
" 50 to 60	23
" 60 to 70	15
" 70 to 80	18
" 80 to 90	10
" 90 to 100	1
" 100 to 110	0

DEATHS IN EACH WARD.	
First	23
Second	11
Third	3
Fourth	11
Fifth	6
Sixth	2
Seventh	15
Eighth	4
Ninth	7
Tenth	6
Eleventh	5
Twelfth	4
Thirteenth	4
Fourteenth	6
Fifteenth	18
Sixteenth	2
Seventeenth	7
Eighteenth	11
Nineteenth	13
Twentieth	7
Twenty-first	8
Twenty-second	13
Twenty-third	6
Twenty-fourth	19
Twenty-fifth	20
Twenty-sixth	22
Twenty-seventh	24
Twenty-eighth	12
Twenty-ninth	12
Thirtieth	7
Thirty-first	6

Nativity, &c.	
United States	219
Foreign	79
Unknown	16
People of Color	17
From Almsho'se	9
Males	172
Females	142
Boys	78
Girls	75

Premature Birth.	
Males	3
Females	2
Total	5

Still-Born.	
Males	9
Females	6
Total	15

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, August 30, 1879.

Month and Day.	Barometer.				Thermometer.						Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.
1879. AUGUST.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 24	29.79	29.74	29.78	29.77	72	75	73	73.2	79	70	95	77	85	S W	S W	S W	8	8	8	Lt. Rain	Cloudy	Fair	.05
Monday, 25	29.76	29.71	29.76	29.75	68	67	62	64.7	72	62	74	84	94	N E	N E	N E	13	17	19	Threat'g	Cloudy	Cloudy	.23
Tuesday, 26	29.80	29.85	29.94	29.88	61	65	65	64.0	67	59	88	84	73	N E	N E	N E	19	18	9	Cloudy	Threat'g	Fair	†
Wednes'y, 27	30.01	30.00	30.05	30.02	60	69	65	64.7	70	57	77	56	73	N E	N E	N E	14	16	6	Clear	Cloudy	Clear	
Thursday, 28	30.11	30.08	30.10	30.10	61	72	65	65.7	74	56	71	54	78	N E	N E	S W	4	11	11	Clear	Fair	Clear	
Friday, 29	30.11	30.02	30.01	30.04	62	82	74	73.0	84	59	94	56	86	S W	W	S W	9	12	8	Cloudy	Fair	Clear	
Saturday, 30	29.99	30.01	30.03	30.01	72	79	70	72.7	84	*	85	43	75	N	N E	S W	13	12	8	Hazy	Clear	Clear	
Means.....				29.94	...	...	...	68.3	...	...							...	...	...				.23

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

* Minimum Thermometer broken.

† Precipitation too small to measure.

Digitized by Google

Week Ending Saturday, September 6, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Bladder	1	
Anemia		1
Aneurism of Aorta	1	
Asphyxia		1
Apoplexy	7	
Bright's Disease	1	1
Burns and Scalds		1
Cancer of the Breast	1	
" " Liver	1	
" " Pancreas	1	
" " Rectum	1	
" " Stomach	1	
" " Uterus	4	
Carbuncle	1	
Casualties	8	1
Cerebro Spinal Meningitis	1	3
Cholera Infantum		33
Congestion of Brain	2	7
" Liver	1	1
" Lungs	1	
Consumption of Lungs	48	3
Convulsions	1	9
" Puerperal		1
Cramps		1
Croup		5
Cyanosis		4
Debility	2	8
Degeneration of Pleura	1	
Diarrhœa	5	1
Diabetes	1	
Diphtheria		6
Dropsy	3	
" of the Brain		1
" " Chest	1	
" " Heart		1
Disease of Heart	8	2
Drowned	3	
Dysentery	3	
Effusion on Brain	1	3
Empyema	1	
Epilepsy	1	
Erysipelas		1
Fever, Puerperal	1	
" Remittent	2	
" Scarlet		5
" Typhoid	10	
" Urethal	1	
Gangrene of Bowels	1	
Hemorrhage from Lungs	1	
Hooping Cough		3
Hypertrophy of Heart	1	
" Liver	1	
Inflam'ati'n, Brain	2	7
" Bronchi	2	1
" Bladder	1	
" Ear		1
" Liver	1	1
" Lungs	3	3
" Pericardi'm	1	
" Pleura	1	
" S. & Bowels	4	9
" Uterus	1	
Insanity	1	
Inanition		9
Intussusception	2	
Locomotor Ataxy	1	
Mania a potu	3	
Marasmus		26
Old Age	9	
Obstruction of Bowels	2	
Paralysis	9	1
Purpura	1	
" Hemorrhagica		1
Softening of Brain	2	
Stricture of Œsophagus	1	
Suicide, Drowning	1	
" Hanging	1	
Teething		1
Tetanus		1
Tumor of Kidneys		1
Uræmia	1	
	180	165

Of the above there were:

Under 1 year	105
From 1 to 2	20
" 2 to 5	21
" 5 to 10	9
" 10 to 15	1
" 15 to 20	9
" 20 to 30	37
" 30 to 40	43
" 40 to 50	19
" 50 to 60	25
" 60 to 70	31
" 70 to 80	12
" 80 to 90	10
" 90 to 100	3
" 100 to 110	0

DEATHS IN EACH WARD.	
First	23
Second	21
Third	14
Fourth	3
Fifth	10
Sixth	1
Seventh	13
Eighth	13
Ninth	1
Tenth	4
Eleventh	9
Twelfth	5
Thirteenth	4
Fourteenth	5
Fifteenth	12
Sixteenth	8
Seventeenth	8
Eighteenth	12
Nineteenth	28
Twentieth	9
Twenty-first	6
Twenty-second	7
Twenty-third	12
Twenty-fourth	14
Twenty-fifth	17
Twenty-sixth	19
Twenty seventh	21
Twenty-eighth	15
Twenty-ninth	14
Thirtieth	11
Thirty-first	6

Nativity, &c.

United States	259
Foreign	72
Unknown	14
People of Color	20
From Almsho'se	9
Males	169
Females	176
Boys	75
Girls	90

Premature Birth.

Males	2
Females	1
Total	3

Still-Born.

Males	6
Females	4
Total	10

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, September 6, 1879.

Month and Day.	Barometer.				Thermometer.					Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.	
1879. AUGUST.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 31	30.03	30.00	30.00	30.01	65	78	71	71.2	81	*	68	50	75	N	N	S	6	7	9	Hazy	Clear	Clear	
SEPTEMBER.																							
Monday, 1	29.99	29.96	30.00	29.99	68	85	74	75.2	86	*	84	47	76	W	S W	S	8	11	5	Hazy	Clear	Clear	
Tuesday, 2	30.02	30.02	30.03	30.03	70	79	71	72.7	80	*	90	66	80	S	S W	S	10	12	12	Cloudy	Cloudy	Cloudy	.04
Wednes'y, 3	29.93	29.83	29.75	29.81	69	74	74	72.7	75	*	95	90	95	E	E	S	13	12	6	Lt. Rain	Cloudy	Cloudy	.04
Thursday, 4	29.76	29.81	29.91	29.85	73	79	72	74.0	79	*	86	54	67	W	N W	N W	2	18	14	Fair	Cloudy	Clear	
Friday, 5	30.03	30.02	30.08	30.05	67	76	72	71.7	78	67	69	49	62	N W	N W	N W	10	16	4	Hazy	Fair	Clear	
Saturday, 6	30.12	30.07	30.08	30.09	61	78	69	69.2	81	60	77	61	90	E	S E	S E	13	4	5	Clear	Cloudy	Fair	
Means				29.98	...	...	...	72.4	...	...							...	...	...				.08

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error. * Minimum Thermometer broken.

Digitized by Google

Week Ending Saturday, September 13, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Psoas	1	
" of the Liver	1	
Aneurism of the Aorta	1	
Asphyxia		1
Apoplexy	2	
Bright's Disease	3	1
Burns and Scalds	1	1
Cancer of the Bladder	1	
" " Face	1	
" " Jaw	1	
" " Uterus	1	
Casualties	4	1
Cholera Infantum		13
" Morbus	1	
Cirrhosis of the Liver	3	
Congestion of Brain	1	2
" Lungs		1
" S. & Bowels	1	
Consumption of Lungs	28	6
Convulsions		3
Debility	2	1
Diarrhœa	2	
Diphtheria		1
Dropsy	2	
" of the Brain	1	2
" " Heart	4	
Disease of Brain	1	
" Heart	13	2
" Liver	1	
Drowned	2	
Dysentery	1	
Effusion on Brain	1	
Embolism of Brain	1	
Epilepsy	3	
Fatty Heart	2	
Fever, Scarlet		2
" Typhoid	8	
Hemorrhage, Bowels	3	1
" Lungs	1	
" Uterus	1	
Hooping Cough		2
Hypertrophy of Heart	1	
Inflammat'n, Brain	1	5
" Bronchi	1	2
" Liver	3	
" Lungs	4	2
" Peritoneum	3	
" S. & Bow'ls	1	6
Intemperance	1	
Insanity	1	
Intussusception		7
Jaundice	1	
Leucocythemia		1
Marasmus	1	19
Necrosis		1
Old Age	7	
Paralysis	6	1
Pyemia	1	
Rupture of Aorta	1	
Septicæmia		1
Sore Mouth		1
Softening of Brain	3	
Suffocation		1
Suicide, Hanging	1	
" Laudanum	1	
Syphilis		1
Teething		2
Tetanus	2	
Trismus Nascentium		1
Wounds, Gunshot	1	
	141	91

Of the above there were:

Under 1 year	55
From 1 to 2	10
" 2 to 5	12
" 5 to 10	5
" 10 to 15	0
" 15 to 20	9
" 20 to 30	22
" 30 to 40	25
" 40 to 50	20
" 50 to 60	30
" 60 to 70	20
" 70 to 80	14
" 80 to 90	8
" 90 to 100	2
" 100 to 110	0

DEATHS IN EACH WARD.	
First	11
Second	7
Third	6
Fourth	11
Fifth	4
Sixth	2
Seventh	10
Eighth	1
Ninth	3
Tenth	6
Eleventh	6
Twelfth	3
Thirteenth	3
Fourteenth	10
Fifteenth	12
Sixteenth	6
Seventeenth	7
Eighteenth	9
Nineteenth	12
Twentieth	9
Twenty-first	7
Twenty-second	7
Twenty-third	9
Twenty fourth	16
Twenty-fifth	8
Twenty-sixth	8
Twenty-seventh	14
Twenty-eighth	7
Twenty-ninth	9
Thirtieth	6
Thirty-first	3

Nativity, &c.

United States	168
Foreign	56
Unknown	8
People of Color	7
From Almsho'se	14
Males	123
Females	109
Boys	42
Girls	49

Premature Birth.

Males	3
Females	1
Total	4

Still-Born.

Males	6
Females	7
Total	13

Digitized by Google

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE

WEEK ENDING SATURDAY, SEPTEMBER 13, 1879.

Month and Day.	BAROMETER.				THERMOMETER.						REL. HUMIDITY			DIRECTION OF WIND			VELOCITY OF WIND.			STATE OF WEATHER.			RAIN.
1879. SEPTEMBER.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 7	30.09	30.01	29.95	30.00	68	82	74	74.5	85	66	95	42	81	N E	W	S	3	8	12	Cloudy	Fair	Cloudy	.32
Monday, 8	29.88	29.88	30.00	29.94	68	75	64	67.7	76	62	90	40	53	S W	W	N W	15	24	16	Fair	Clear	Clear	.12
Tuesday, 9	30.06	30.06	30.16	30.11	58	67	62	62.2	70	56	76	50	56	N W	N W	N W	14	10	12	Clear	Cloudy	Cloudy	
Wednes'y, 10	30.26	30.26	30.31	30.29	55	67	62	61.5	68	53	74	42	67	N W	N E	N	16	8	8	Clear	Cloudy	Clear	
Thursday, 11	30.36	30.31	30.32	30.33	57	70	62	62.7	72	54	75	48	77	N	N E	S E	11	7	3	Clear	Fair	Clear	
Friday, 12	30.27	30.18	30.16	30.20	59	73	62	64.0	75	56	88	43	77	S E	S E	S	3	4	7	Clear	Fair	Fair	
Saturday, 13	30.09	30.01	29.98	30.01	61	72	65	65.7	75	57	88	62	94	S	S	S	8	14	16	Cloudy	Cloudy	Lt. Rain	.29
Means.....				30.13	...	...	...	65.5	...	...							...	...	...				.73

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

Week Ending Saturday, September 20, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Pelvic	1	
" of the Lungs	1	
Aneurism of Aorta	1	
Asphyxia		2
Apoplexy	4	
Bright's Disease	7	1
Burns and Scalds	1	
Cancer, Diffused		1
" of Cervical Gl'ds.	1	
" Rectum	1	
" Stomach	6	
" Uterus	2	
Carbuncle	1	
Casualties	2	1
Cerebro Spinal Meningitis		1
Cholera Infantum		9
Concussion of Brain	1	
Congestion of Brain	2	5
" Lungs	3	1
Consumption of Lungs	43	8
Convulsions		9
" Puerperal	1	
Cyanosis		6
Debility	3	6
Diarrhœa		1
Diphtheria		3
Dropsy	4	1
" of the Brain		3
" " Heart	1	1
Disease of Heart	10	3
" Kidneys	2	1
Drowned	2	2
Dysentery	2	
Epilepsy	1	
Fever, Intermittent	1	1
" Remittent		1
" Scarlet		3
" Typhoid	3	
Hemorrhage, Lungs	1	
" Stomach	2	
Hooping Cough		2
Hydrophobia		1
Inflammat'n, Brain	1	4
" Bronchi	4	2
" Kidneys	1	
" Larynx		1
" Liver	1	
" Lungs	7	4
" Peritoneum	2	2

CAUSES OF DEATH.	ADULTS.	MINORS.
Inflam'at'n, S. & Bowels	2	3
Inanition		4
Marasmus		12
Old Age	12	
Obstruction of Bowels		1
Ovariotomy, (Collapse)	1	
Paralysis	5	
Poisoning, Laudanum	1	
" Morphine		1
Purpura Hemorrhagica	1	2
Pyemia	1	
Rupture of Uterus	1	
Septicæmia	2	
Softening of Brain	1	
" Stomach	1	
Strangulation		1
Syphilis		2
Tabes Mesenterica	1	1
Tumor of Bronchia	1	
	156	113

Of the above there were:

Under 1 year	62
From 1 to 2	13
" 2 to 5	9
" 5 to 10	9
" 10 to 15	10
" 15 to 20	10
" 20 to 30	25
" 30 to 40	32
" 40 to 50	24
" 50 to 60	24
" 60 to 70	21
" 70 to 80	18
" 80 to 90	9
" 90 to 100	2
" 100 to 110	1

DEATHS IN EACH WARD.	
First	28
Second	11
Third	12
Fourth	5
Fifth	11
Sixth	6
Seventh	12
Eighth	2
Ninth	7
Tenth	7
Eleventh	4
Twelfth	1
Thirteenth	4
Fourteenth	2
Fifteenth	7
Sixteenth	4
Seventeenth	9
Eighteenth	5
Nineteenth	13
Twentieth	10
Twenty-first	7
Twenty-second	10
Twenty-third	7
Twenty-fourth	9
Twenty-fifth	8
Twenty-sixth	13
Twenty seventh	17
Twenty-eighth	5
Twenty-ninth	21
Thirtieth	6
Thirty-first	6

Nativity, &c.

United States	198
Foreign	60
Unknown	11
People of Color	23
From Almsho'se	9
Males	146
Females	123
Boys	62
Girls	51

Premature Birth.

Males	2
Females	1
Total	3

Still-Born.

Males	6
Females	6
Total	12

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, September 20, 1879.

Month and Day.	Barometer.				Thermometer.						Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.
1879. SEPTEMBER.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 14	29.96	29.95	30.06	30.01	63	65	61	62.5	69	59	83	73	71	W	W	N W	3	6	7	Cloudy	Cloudy	Clear	.12
Monday, 15	30.19	30.15	30.13	30.15	56	69	61	61.7	73	53	81	56	66	W	S	S	4	6	8	Clear	Fair	Clear	
Tuesday, 16	30.01	29.90	29.90	29.92	56	71	64	63.7	74	54	94	53	83	N E	S W	S	8	6	8	Clear	Cloudy	Clear	
Wednes'y, 17	29.88	29.97	30.14	30.03	62	73	65	66.2	75	61	88	35	49	S W	W	W	13	16	3	Clear	Fair	Clear	
Thursday, 18	30.21	30.16	30.12	30.16	58	73	65	65.2	74	55	58	35	78	W	S	S	4	16	7	Clear	Clear	Cloudy	
Friday, 19	30.18	30.20	30.25	30.22	61	67	64	64.0	68	60	77	64	73	N	E	E	14	6	3	Hazy	Cloudy	Hazy	
Saturday, 20	30.28	30.26	30.32	30.30	56	65	63	61.7	67	55	69	63	67	N E	N	calm	9	3	0	Cloudy	Cloudy	Clear	
Means				30.11	...	...	...	63.6	...	...							...	...	...				.12

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

Week Ending Saturday, September 27, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Pharynx	1	
" Cervical		1
" Lumbar	1	
Asthma	1	
Apoplexy	4	
Bright's Disease	2	2
Burns and Scalds	1	
Cancer of the Breast	3	
" " Neck	1	
" " Omentum	1	
" Orbit	1	
" Stomach	2	
" " Uterus	3	
Casualties	3	
Cholera Infantum		8
" Morbus	1	
Cirrhosis of the Liver	1	
Collapse of Lungs		1
Congestion of Brain	2	4
" Lungs		4
Consumption of Bowels	1	
" Lungs	33	5
Convulsions		13
" Puerperal	1	
Croup		2
Cyanosis		3
Debility	4	5
Degeneration of Kidney		1
" Lung	1	
Diabetes	1	
Diarrhœa	2	2
Diphtheria		6
Dropsy	2	1
" of the Heart	3	
Disease of Brain	2	
" Heart	6	2
Dysentery	1	
Dyspepsia	1	
Epilepsy	1	
Fatty Degen. of Heart	1	
Fever, Scarlet		2
" Typhoid	6	1
Hemorrhage, Lungs	1	
" Stomach	1	
Hooping Cough		4
Hypertrophy of Heart	1	
Inflammat'n, Brain		7
Bronchi	2	1
" Kidneys	1	

CAUSES OF DEATH.	ADULTS.	MINORS.
Inflam'at'n, Larynx	1	
" Liver	1	
" Lungs	1	3
" Peritoneum	2	
" Pleura	1	
" S. & Bow'ls.	3	
Intemperance	1	
Inanition	2	9
Jaundice	1	
Marasmus		17
Mitral Regurgitation	1	
Murder	3	
Old Age	9	
Paralysis	3	
Pyemia	1	1
Septicæmia	1	
Softening of Brain	2	
Suicide, Shooting	2	
Syphilis	1	
Tabes Mesenterica		1
Thrombosis of Arteries	1	
Tumor of Uterus	2	
Uræmia	3	
	147	106

Of the above there were:

Under 1 year	61
From 1 to 2	21
" 2 to 5	9
" 5 to 10	4
" 10 to 15	6
" 15 to 20	5
" 20 to 30	27
" 30 to 40	22
" 40 to 50	19
" 50 to 60	24
" 60 to 70	25
" 70 to 80	21
" 80 to 90	7
" 90 to 100	2
" 100 to 110	0

DEATHS IN EACH WARD.	
First	10
Second	8
Third	8
Fourth	6
Fifth	4
Sixth	1
Seventh	13
Eighth	4
Ninth	7
Tenth	7
Eleventh	0
Twelfth	6
Thirteenth	4
Fourteenth	11
Fifteenth	11
Sixteenth	2
Seventeenth	7
Eighteenth	9
Nineteenth	18
Twentieth	7
Twenty-first	6
Twenty-second	6
Twenty-third	9
Twenty fourth	9
Twenty-fifth	12
Twenty-sixth	9
Twenty-seventh	23
Twenty-eighth	9
Twenty-ninth	11
Thirtieth	11
Thirty-first	5

Nativity, &c.	
United States	177
Foreign	62
Unknown	14
People of Color	19
From Almsho'se	9
Males	124
Females	129
Boys	50
Girls	56

Premature Birth.	
Males	4
Females	1
Total	5

Still-Born.	
Males	5
Females	2
Total	7

Digitized by Google

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE

WEEK ENDING SATURDAY, SEPTEMBER 27, 1879.

Month and Day.	BAROMETER.				THERMOMETER.						REL. HUMIDITY			DIRECTION of WIND			VELOCITY OF WIND.			STATE OF WEATHER.			RAIN.
1879. SEPTEMBER.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 21	30.38	30.35	30.33	30.35	55	61	59	58.5	62	54	74	55	59	N E	N E	N E	14	17	16	Cloudy	Cloudy	Cloudy	*—
Monday, 22	30.23	30.19	30.16	30.19	57	60	58	58.2	61	55	94	77	76	N E	N E	N	16	12	10	Cloudy	Cloudy	Fair	.15
Tuesday, 23	30.16	30.07	30.08	30.10	56	72	64	64.0	73	53	81	67	89	calm	S W	S W	0	10	12	Hazy	Fair	Hazy	
Wednes'y, 24	29.98	29.91	30.11	30.03	61	67	57	60.5	70	54	100	79	52	S W	N W	N	11	21	19	Foggy	Cloudy	Clear	.02
Thursday, 25	30.26	30.27	30.32	30.29	48	55	52	51.7	57	47	70	45	60	N E	N	N	10	8	3	Fair	Fair	Clear	
Friday, 26	30.41	30.37	30.42	30.40	46	60	54	53.5	64	43	62	44	74	N	N E	S E	8	3	3	Hazy	Fair	Clear	
Saturday, 27	30.45	30.38	30.38	30.40	50	68	56	57.5	71	46	79	47	81	N E	S	S	4	4	9	Clear	Clear	Clear	
Means.....				30.25	...	...	...	57.7	...	...							...	...	...				.17

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error. * Precipitation too small to measure.

Digitized by Google

Week Ending Saturday, October 4, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Brain		1
" Liver	1	
Aneurism of Aorta	1	
Asthma	2	
Apoplexy	2	
Bright's Disease	2	
Cancer, Diffused	1	
" of Breast	1	
" Bowels	1	
" Face	1	
" Œsophagus	1	
" Stomach	4	
" Uterus	3	
Casualties	1	
Cerebro Spinal Meningitis		1
Cholera Infantum		8
Cirrhosis of the Liver	1	
Concussion of Brain	1	
Congestion of Brain	5	5
" Lungs	1	4
Consumption of Bowels	1	1
" Lungs	38	5
Convulsions		7
Cyanosis		2
Debility	5	5
Diarrhœa	3	
Diphtheria		5
Dropsy	1	
" of the Heart	2	
Disease of Brain	1	
" Heart	3	2
" Liver	4	
" Spine		1
Drowned	2	
Dysentery	1	
Epilepsy	1	
Erysipelas	1	
Fever, Remittent	1	
" Scarlet		5
" Typhoid	5	
Heart Clot	1	
Hemorrhage, Bowels		1
" Lungs	1	
Hooping Cough		3
Hypertrophy of Liver	1	
Inflammat'n, Brain		4
" Bronchi	1	1
" Bladder	1	
" Lungs	10	1

CAUSES OF DEATH.	ADULTS.	MINORS.
Inflam'at'n, Pericardium	2	
" Peritoneum	1	
" Pleura	1	
" S. & Bowels	1	1
" Trachea		1
Intemperance	1	
Inanition	2	6
Jaundice	1	
Marasmus		14
Melanosis	1	
Neuralgia	1	
Old Age	15	
Paralysis	6	
Softening of Brain	1	
Tumor of Brain		1
Uræmia	1	
	147	85

Of the above there were:

Under 1 year	44
From 1 to 2	14
" 2 to 5	13
" 5 to 10	7
" 10 to 15	3
" 15 to 20	4
" 20 to 30	30
" 30 to 40	24
" 40 to 50	22
" 50 to 60	23
" 60 to 70	15
" 70 to 80	21
" 80 to 90	11
" 90 to 100	1
" 100 to 110	0

DEATHS IN EACH WARD.	
First	17
Second	6
Third	2
Fourth	3
Fifth	10
Sixth	4
Seventh	11
Eighth	3
Ninth	3
Tenth	3
Eleventh	3
Twelfth	1
Thirteenth	4
Fourteenth	3
Fifteenth	10
Sixteenth	11
Seventeenth	10
Eighteenth	6
Nineteenth	15
Twentieth	11
Twenty-first	6
Twenty-second	8
Twenty-third	8
Twenty-fourth	16
Twenty-fifth	9
Twenty-sixth	8
Twenty seventh	16
Twenty-eighth	4
Twenty-ninth	8
Thirtieth	6
Thirty-first	7

Nativity, &c.

United States	166
Foreign	49
Unknown	17
People of Color	16
From Almsho'se	10
Males	117
Females	115
Boys	48
Girls	39

Premature Birth.

Males	3
Females	1
Total	4

Still-Born.

Males	8
Females	6
Total	14

Digitized by Google

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE

WEEK ENDING SATURDAY, OCTOBER 4, 1879.

Month and Day.	BAROMETER.				THERMOMETER.						REL. HUMIDITY			DIRECTION of WIND			VELOCITY OF WIND.			STATE OF WEATHER.			RAIN.
1879. SEPTEMBER.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 28	30.39	30.31	30.31	30.33	52	67	61	60.2	70	51	100	60	82	E	S W	S	5	6	4	Foggy	Fair	Clear	
Monday, 29	30.34	30.32	30.33	30.33	59	69	64	64.0	70	57	100	70	89	S W	S W	S W	1	8	5	Foggy	Cloudy	Clear	
Tuesday, 30	30.36	30.30	30.29	30.31	57	71	67	65.5	79	56	100	85	79	S W	W	S W	1	8	9	Foggy	Fair	Clear	.02
OCTOBER.																							
Wednes'y, 1	30.29	30.20	30.21	30.23	59	84	73	72.2	86	58	94	40	63	W	W	W	6	6	4	Foggy	Clear	Clear	
Thursday, 2	30.26	30.19	30.19	30.21	68	83	67	71.2	86	65	95	53	89	N W	N E	S E	4	3	9	Hazy	Cloudy	Fair	
Friday, 3	30.10	29.99	30.05	30.05	64	86	76	75.5	87	62	89	48	56	S W	N W	N W	8	18	5	Clear	Clear	Clear	
Saturday, 4	30.20	30.17	30.18	30.18	62	73	62	64.7	76	59	46	31	67	N	N E	S	9	4	6	Fair	Clear	Clear	
Means				30.23				67.6															.02

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

Week Ending Saturday, October 11, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Asthma		1
Apoplexy	5	
Cancer of the Breast	3	
" " Pylorus	1	
" " Tongue	1	
Casualties	3	1
Cholera Infantum		3
Cirrhosis of the Liver	1	
Concussion of Brain	1	
Congestion of Brain	1	
" Lungs	1	1
Consumption of Lungs	37	5
Convulsions		9
Cramps		1
Croup		7
Craniotomy		1
Cyanosis		3
Debility	3	3
Diabetes	3	
Diarrhœa	3	
Diphtheria		2
Dropsy, Abdominal	1	
" Renal	2	
" of the Chest	1	
" " Heart	3	
" " Lungs	1	
Disease of Brain		1
" Heart	5	2
" Kidneys	1	
" Spine		1
Drowned	1	
Effusion on Brain	2	
Fatty Heart	1	
Fever, Malarial		1
" Rheumatic		1
" Scarlet		2
" Typhoid	5	5
" Yellow	1	
Gangrene of Leg	1	
Hemorrhage, Bowels	1	
" Brain	1	1
" Lungs	1	
Hernia, Strangulated	1	
Hooping Cough		3
Inflammat'n, Brain		7
" Bronchi	1	3
" Liver	1	
" Lungs	6	1
" Peritoneum	8	
Inflam'at'n, S. & Bow'ls.	2	2
" Throat		1
" Uterus	1	
Intemperance	2	
Inanition	4	4
Mania a potu.	1	
Marasmus		6
Murder	1	
Old Age	9	
Obstruct'n, Gall Bladder	1	
Paralysis	5	
Sore Throat		1
Softening of Brain	4	
Strangulation		1
Suicide, Hanging	1	
" Laudanum	1	
Tetanus	1	
Tumor of Uterus	2	
Ulceration of Bowels	3	
	146	80

Of the above there were:

Under 1 year	36
From 1 to 2	11
" 2 to 5	11
" 5 to 10	8
" 10 to 15	6
" 15 to 20	8
" 20 to 30	28
" 30 to 40	27
" 40 to 50	22
" 50 to 60	25
" 60 to 70	18
" 70 to 80	14
" 80 to 90	10
" 90 to 100	2
" 100 to 110	0

DEATHS IN EACH WARD.	
First	11
Second	9
Third	3
Fourth	6
Fifth	4
Sixth	2
Seventh	14
Eighth	5
Ninth	1
Tenth	4
Eleventh	5
Twelfth	1
Thirteenth	5
Fourteenth	4
Fifteenth	15
Sixteenth	5
Seventeenth	6
Eighteenth	13
Nineteenth	9
Twentieth	12
Twenty-first	9
Twenty-second.	7
Twenty-third	6
Twenty-fourth	7
Twenty-fifth.	6
Twenty-sixth	8
Twenty-seventh	14
Twenty-eighth.	11
Twenty-ninth	10
Thirtieth	5
Thirty-first	9

Nativity, &c.	
United States	161
Foreign	54
Unknown	11
People of Color.	16
From Almsho'se	8
Males	121
Females	105
Boys	50
Girls	30

Premature Birth.	
Males	0
Females	1
Total.	1

Still-Born.	
Males	8
Females	9
Total	17

Digitized by Google

Meteorological Observations taken at the Signal Office Philadelphia,

during the

Week Ending Saturday, October 11, 1879.

Month and Day.	Barometer.				Thermometer.						Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.
1879. OCTOBER.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 5	30.17	30.07	30.09	30.10	58	77	69	68.2	79	56	88	49	75	S W	S W	S W	6	13	7	Fair	Clear	Clear	
Monday, 6	30.16	30.20	30.33	30.26	67	79	63	68.0	79	62	74	51	78	S W	E	E	1	16	14	Clear	Clear	Cloudy	
Tuesday, 7	30.39	30.34	30.33	30.35	62	68	65	65.0	74	61	83	79	89	E	E	N	6	4	4	Cloudy	Cloudy	Clear	
Wednes'y, 8	30.32	30.22	30.17	30.22	63	74	71	69.7	76	61	94	72	80	calm	W	W	0	5	2	Foggy	Cloudy	Cloudy	.01
Thursday, 9	30.12	30.03	30.07	30.07	69	82	73	74.2	84	68	90	63	85	calm	S	N E	0	6	8	Fair	Fair	Clear	*
Friday, 10	30.12	30.10	30.20	30.16	68	81	66	70.2	81	66	90	59	89	N E	N E	E	7	10	14	Clear	Clear	Cloudy	
Saturday, 11	30.29	30.28	30.30	30.29	63	69	63	64.5	69	63	89	70	83	N E	N E	E	12	7	9	Cloudy	Cloudy	Cloudy	
Means.....				30.21	...	...	...	68.5	...	...							...	...	...				.01

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error. * Precipitation too small to measure.

Digitized by Google

Week Ending Saturday, October 18, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Asphyxia	1	2
Apoplexy	10	
Bright's Disease	2	
Cancer, of Kidneys	1	
" Liver	1	
" Ovaries	1	
" Stomach	1	
" Uterus	1	
Casualties	3	6
Cerebro Spinal Meningitis		2
Cholera Infantum		9
" Morbus	1	
Congestion of Brain	1	5
" Lungs		2
Consumption of Lungs	31	6
Convulsions		9
" Puerperal	1	
Croup		5
Cyanosis		3
Debility	5	1
Diphtheria		11
Dropsy	2	
" of the Heart	1	
Disease of Heart	12	
Drowned	3	
Effusion on Brain		1
Erysipelas		1
Enlargement of Liver	1	
Fatty Degen. of Heart	1	
Fever, Scarlet		2
" Typhoid	4	2
Fracture of Femur	1	
Gangrene of Scrotum	1	
Heart Clot		1
Hemorrhage, Bowels		1
" Lungs	2	
Hydrophobia	1	
Hypertrophy of Heart	1	
Inflammat'n, Brain	2	4
" Bronchi	1	1
" Larynx		1
" Lungs	7	4
" Peritoneum	1	
" S. & Bowels	2	
Intemperance	1	
Inanition		5
Jaundice	1	
Marasmus		12
Measles		1

CAUSES OF DEATH.	ADULTS.	MINORS.
Old Age	11	...
Paralysis	4	
Poisoned, Poisoned Vine		1
Purpura Hemorrhagica		1
Sore Mouth		1
Spinal Sclerosis	1	
Suppression of Urine	1	
Syphilis		2
Teething		1
Trismus Nascentium		1
Uræmia	1	1
	123	105

Of the above there were:

Under 1 year	58
From 1 to 2	16
" 2 to 5	11
" 5 to 10	7
" 10 to 15	5
" 15 to 20	8
" 20 to 30	19
" 30 to 40	16
" 40 to 50	23
" 50 to 60	17
" 60 to 70	26
" 70 to 80	12
" 80 to 90	10
" 90 to 100	0
" 100 to 110	0

DEATHS IN EACH WARD.	
First	14
Second	10
Third	6
Fourth	5
Fifth	8
Sixth	2
Seventh	12
Eighth	3
Ninth	3
Tenth	9
Eleventh	5
Twelfth	4
Thirteenth	3
Fourteenth	5
Fifteenth	10
Sixteenth	2
Seventeenth	7
Eighteenth	8
Nineteenth	9
Twentieth	9
Twenty-first	3
Twenty-second	5
Twenty-third	3
Twenty-fourth	17
Twenty-fifth	8
Twenty-sixth	7
Twenty seventh	16
Twenty-eighth	11
Twenty-ninth	8
Thirtieth	4
Thirty-first	12

Nativity, &c.

United States	151
Foreign	56
Unknown	11
People of Color	13
From Almsho'se	8
Males	117
Females	111
Boys	57
Girls	48

Premature Birth.

Males	4
Females	2
Total	6

Still-Born.

Males	9
Females	7
Total	16

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, October 18, 1879.

Month and Day.	Barometer.				Thermometer.						Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.
1879. OCTOBER.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 12	30.28	30.19	30.16	30.20	63	71	66	66.5	72	62	83	66	79	S	W	W	4	8	5	Cloudy	Cloudy	Clear	
Monday, 13	30.16	30.13	30.18	30.17	65	78	69	70.2	78	62	84	61	85	N W	E	E	2	11	4	Clear	Clear	Fair	
Tuesday, 14	30.27	30.20	30.21	30.22	57	72	64	64.2	74	56	41	34	68	N E	W	S W	8	7	4	Clear	Hazy	Clear	
Wednes'y, 15	30.18	30.09	30.12	30.13	60	80	74	72.0	82	59	88	48	63	W	N W	N W	5	12	2	Clear	Hazy	Hazy	
Thursday, 16	30.16	30.07	30.11	30.11	68	83	75	75.2	84	66	74	46	68	N W	N W	N W	4	9	1	Clear	Hazy	Hazy	
Friday, 17	30.15	30.09	30.12	30.12	63	83	68	70.5	83	62	94	46	84	N W	S	S	1	14	12	Foggy	Fair	Fair	
Saturday, 18	30.09	29.94	29.90	29.96	66	77	71	71.2	77	66	95	61	80	S	S W	S		12	10	Cloudy	Cloudy	Cloudy	
Means				30.13	...	...	...	70.0	...	...							...	...	...				

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

Week Ending Saturday, October 25, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Brain	1	
" Lungs		1
Aneurism of Aorta	1	
Asphyxia	1	
Apoplexy	6	1
Bright's Disease	3	
Cancer of the Breast	1	
" " Stomach	2	
" " Tongue	1	
" " Uterus	2	
Casualties	4	
Cholera Infantum		4
Cirrhosis of the Liver	1	
Congestion of Brain		5
" Lungs		3
Constipation of Bowels		1
Consumption of Bowels	1	
" Lungs	46	5
Convulsions	1	13
Croup		6
Cyanosis		1
Debauch	1	
Debility	3	3
Diarrhœa		1
Diphtheria		4
Dropsy	1	1
" of the Heart		1
" " Ovaries	1	
Disease of Brain	1	1
" Heart	9	1
" Hip	1	
Drowned	2	
Effusion on Brain	1	
Erysipelas	1	1
Enlargement of Heart	1	
" Liver	1	
Fatty Heart	1	
" Liver	3	
Fever, Intermittent		1
" Malarial	1	
" Puerperal	1	
" Scarlet		3
" Typhoid	2	1
Gangrene	1	
Hernia		1
Hemorrhage, Lungs	1	
Hypertrophy of Heart	1	
Inflammat'n, Brain		2
" Bronchi	3	4

CAUSES OF DEATH.	ADULTS.	MINORS.
Inflam'at'n, Kidneys	1	
" Larynx		1
" Lungs	9	3
" Pericardi'm	2	
" Peritoneum	1	
" S. & Bow'ls.	5	4
" Trachea		1
Infiltration of Heart		1
Intemperance	1	
Inanition		6
Jaundice	1	
Marasmus	1	9
Old Age	9	
Paralysis	5	
Pyemia	2	
Rheumatism of Heart	1	1
Septicæmia	1	
Softening of Brain	3	
" Lungs	1	
Syphilis	1	
Teething		1
Tympanitis		1
Tumor, Ovarian	1	
Uræmia	1	
Wounds, Gunshot	1	
	155	93

Of the above there were:

Under 1 year	40
From 1 to 2	15
" 2 to 5	12
" 5 to 10	13
" 10 to 15	7
" 15 to 20	6
" 20 to 30	39
" 30 to 40	31
" 40 to 50	29
" 50 to 60	17
" 60 to 70	18
" 70 to 80	15
" 80 to 90	5
" 90 to 100	1
" 100 to 110	0

DEATHS IN EACH WARD.	
First	11
Second	11
Third.	11
Fourth	6
Fifth	7
Sixth	5
Seventh	3
Eighth	4
Ninth	5
Tenth	7
Eleventh	5
Twelfth	3
Thirteenth	7
Fourteenth	5
Fifteenth	7
Sixteenth	1
Seventeenth	8
Eighteenth	11
Nineteenth	12
Twentieth	12
Twenty-first	7
Twenty-second.	3
Twenty-third	7
Twenty fourth	8
Twenty-fifth.	13
Twenty-sixth	14
Twenty-seventh	17
Twenty-eighth.	14
Twenty-ninth	9
Thirtieth	6
Thirty-first	9

Nativity, &c.

United States	173
Foreign	65
Unknown	10
People of Color.	7
From Almsho'se	7
Males	124
Females	124
Boys	44
Girls	49

Premature Birth.

Males	1
Females	1
Total.	2

Still-Born.

Males	6
Females	3
Total	9

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, October 25, 1879.

Month and Day.	Barometer.				Thermometer.						Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.
1879. OCTOBER.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 19	29.98	30.02	30.22	30.11	59	63	49	55.0	71	47	76	49	44	N W	N	N	14	24	12	Cloudy	Fair	Clear	.23
Monday, 20	30.32	30.26	30.27	30.28	45	60	54	53.2	62	44	68	44	55	N W	W	W	11	6	7	Clear	Clear	Clear	
Tuesday, 21	30.29	30.25	30.23	30.25	48	61	58	56.2	62	47	93	55	88	W	S W	S	3	9	6	Cloudy	Cloudy	Lt. Rain	.05
Wednes'y, 22	30.21	30.13	30.08	30.13	59	66	64	63.2	68	57	88	84	94	S	S	calm	5	5	0	Cloudy	Cloudy	Cloudy	.04
Thursday, 23	30.00	29.91	30.01	29.98	63	72	58	62.7	72	53	94	46	42	S W	W	N W	4	8	29	Cloudy	Fair	Cloudy	.03
Friday, 24	30.17	30.23	30.44	30.32	44	42	39	41.0	53	37	68	66	38	N W	W	N W	20	26	14	Clear	Lt. Snow	Clear	*
Saturday, 25	30.68	30.70	30.78	30.74	32	41	40	38.2	43	32	69	41	48	N W	N W	N	16	16	3	Clear	Fair	Clear	
Means.....				30.26	...	...	...	52.8	...	...							...	...	...				.35

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error. * Precipitation too small to measure (Snow).

Digitized by Google

Week Ending Saturday, November 1, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Anemia	2	
Aneurism of the Aorta	1	
Asphyxia		1
Apoplexy	2	
Bright's Disease	7	
Burns and Scalds	1	
Cancer of Liver	1	
" Stomach	4	
" Scalp	1	
" Uterus	2	
Casualties	3	3
Cholera Infantum		1
Cirrhosis of the Liver	2	
Congestion of Brain	1	
" Liver	1	
" Lungs	1	3
Compression of Brain		
Consumption of Bowels		1
" Lungs	43	3
Convulsions		4
Croup		8
Cyanosis		1
Debility	5	3
Diabetes	1	
Diarrhœa	2	
Diphtheria		5
Dropsy	1	
" of the Brain		2
Disease of Heart	8	
" Liver		1
Dysentery	1	
Effusion on Brain	1	
Epilepsy		1
Erysipelas	1	
Fatty Degen. of Heart	3	
Fever, Malarial	1	
" Remittent		1
" Scarlet		2
" Typhoid	4	3
Fracture of Skull	1	
Hernia	3	
Hemorrhage, Lungs	2	1
" S. & Bowels	2	
Hooping Cough	1	2
Inflammat'n, Brain	3	4
" Bronchi	2	3
" Kidneys		1
" Liver	2	
" Lungs	2	2
Inflam'at'n, Peritone'm	4	
" S. & Bowels	3	4
Insanity	1	
Inanition	1	6
Jaundice	2	
Marasmus	2	4
Old Age	6	
Paralysis	3	
Pyemia	1	
Rheumatism		1
Rupture of Aorta	1	
Softening of Brain	3	
Suicide, Hanging	1	
Syphilis		1
Tabes Mesenterica		1
Teething		2
Thrombosis of Heart	1	
Trismus Nascentium		1
Ulceration of Bowels	1	
	149	76

DEATHS IN EACH WARD.	
First	4
Second	10
Third	5
Fourth	5
Fifth	3
Sixth	2
Seventh	14
Eighth	3
Ninth	2
Tenth	7
Eleventh	5
Twelfth	3
Thirteenth	6
Fourteenth	9
Fifteenth	13
Sixteenth	5
Seventeenth	7
Eighteenth	11
Nineteenth	12
Twentieth	9
Twenty-first	9
Twenty-second	5
Twenty-third	4
Twenty-fourth	10
Twenty-fifth	5
Twenty-sixth	10
Twenty seventh	14
Twenty-eighth	14
Twenty-ninth	11
Thirtieth	3
Thirty-first	5

Nativity, &c.	
United States	151
Foreign	63
Unknown	11
People of Color	14
From Almsho'se	4

Of the above there were:	
Under 1 year	33
From 1 to 2	12
" 2 to 5	13
" 5 to 10	7
" 10 to 15	5
" 15 to 20	6
" 20 to 30	26
" 30 to 40	24
" 40 to 50	23
" 50 to 60	23
" 60 to 70	16
" 70 to 80	24
" 80 to 90	11
" 90 to 100	1
" 100 to 110	1

Males	117
Females	108
Boys	43
Girls	33

Premature Birth.	
Males	3
Females	2
Total	5

Still-Born.	
Males	8
Females	8
Total	16

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, November 1, 1879.

Month and Day.	Barometer.				Thermometer.						Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.
1879. OCTOBER.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 26	30.81	30.67	30.59	30.66	35	51	45	44.0	53	33	61	34	68	N	W	S W	3	7	4	Clear	Clear	Clear	
Monday, 27	30.42	30.24	30.09	30.21	43	54	51	49.7	54	41	83	61	79	S W	S W	S W	1	9	5	Clear	Cloudy	Cloudy	
Tuesday, 28	29.79	29.56	29.61	29.65	47	52	49	49.2	60	46	92	66	64	S W	W	W	5	28	8	Foggy	Cloudy	Clear	.05
Wednes'y, 29	29.74	29.68	29.68	29.69	45	60	53	52.7	62	44	76	39	61	S W	S W	S W	11	18	11	Clear	Clear	Clear	
Thursday, 30	29.73	29.78	29.97	29.86	53	59	49	52.5	60	47	25	23	51	N W	N W	N W	15	28	18	Clear	Clear	Clear	
Friday, 31	30.09	30.12	30.27	30.19	42	49	41	43.2	49	39	58	31	49	N W	W	W	13	18	6	Clear	Fair	Clear	
NOVEMBER. Saturday, 1	30.37	30.35	30.42	30.39	35	44	40	39.7	46	32	61	30	39	W	N W	N W	8	21	7	Clear	Clear	Clear	
Means				30.09				47.3															.05

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

Week Ending Saturday, November 8, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Pelvic	1	
Aneurism of Aorta	1	
Asthma	1	
Apoplexy	4	
Bright's Disease	2	
Burns and Scalds	2	1
Cancer of the Breast	1	
" " Liver	2	
" " Œsophag's.	1	
" " Uterus	2	
Casualties	2	1
Cholera Infantum		1
Child-Birth	1	
Cirrhosis of the Liver	1	
Congestion of Brain	1	4
" Lungs	2	1
Compression of Brain	1	
Consumption of Lungs	36	3
Concussion of Brain		1
Convulsions		4
" " Puerperal	2	
Croup		11
Cyanosis		1
Debility	5	3
Diarrhœa	1	1
Diphtheria		7
Dropsy	1	
" Abdominal	2	
" of the Brain		1
" " Heart	1	
Disease of Brain	1	
" Heart	11	1
" Hip		1
Drowned		1
Effusion on Brain		1
" " Lungs		1
Embolism of Heart	1	
Enlargement of Heart		1
" Liver	1	
Epilepsy		1
Erysipelas		1
Fatty Degenerati'n, Liver	1	
Fever, Intermittent	1	
" Remittent	1	
" Scarlet	..	2
" Typhoid	4	2
Gangrene of Foot	1	
Hemorrhage, Bowels	1	
" Lungs	1	1
Hemorrhage, Uterus	1	
Heart Clot	1	
Hooping Cough		1
Inflam'at'n, Brain	2	7
" Bronchi	2	3
" Larynx		1
" Lungs	9	6
" Peritoneum	1	1
" Pleura		1
" S. & Bow'ls.	5	3
" Uterus	1	
Inanition		4
Jaundice	1	
Marasmus		9
Murder	1	
Neuralgia of the Heart	1	
Old Age	11	
Obstruction of Bowels	1	
Paralysis	2	
Pyemia	2	
Sclerosis, Spinal	1	
Scrofula		1
Shock	1	
Softening of Brain	3	
Tetanus		1
Uræmia	2	
Wounds, Gunshot		1
	145	92

Of the above there were:

Under 1 year	40
From 1 to 2	14
" 2 to 5	15
" 5 to 10	10
" 10 to 15	7
" 15 to 20	6
" 20 to 30	23
" 30 to 40	32
" 40 to 50	26
" 50 to 60	19
" 60 to 70	18
" 70 to 80	20
" 80 to 90	6
" 90 to 100	1
" 100 to 110	0

DEATHS IN EACH WARD.	
First	10
Second	5
Third	7
Fourth	8
Fifth	11
Sixth	4
Seventh	7
Eighth	4
Ninth	3
Tenth	3
Eleventh	6
Twelfth	2
Thirteenth	2
Fourteenth	10
Fifteenth	12
Sixteenth	6
Seventeenth	10
Eighteenth	10
Nineteenth	11
Twentieth	11
Twenty-first	3
Twenty-second	8
Twenty-third	6
Twenty fourth	11
Twenty-fifth	6
Twenty-sixth	13
Twenty-seventh	23
Twenty-eighth	8
Twenty-ninth	5
Thirtieth	7
Thirty first	5

Nativity, &c.	
United States	167
Foreign	58
Unknown	12
People of Color	23
From Almsho'se	13
Males	111
Females	126
Boys	47
Girls	45

Premature Birth.	
Males	3
Females	1
Total	4

Still-Born.	
Males	9
Females	3
Total	12

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, November 8, 1879.

Month and Day.	Barometer.				Thermometer.						Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.
1879. NOVEMBER.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 2	30.37	30.15	30.05	30.15	41	45	41	42.0	48	35	57	39	57	calm	N E	N	0	6	8	Cloudy	Cloudy	Cloudy	*–
Monday, 3	29.97	29.94	30.11	30.03	36	39	35	36.2	42	34	61	46	53	W	W	W	10	25	10	Fair	Cloudy	Clear	.06
Tuesday, 4	30.22	30.25	30.40	30.32	29	35	31	31.5	37	28	78	53	58	N W	N W	N	17	19	12	Clear	Fair	Clear	
Wednes'y, 5	30.52	30.47	30.43	30.46	27	39	35	34.0	45	26	64	46	53	N W	S W	S	10	7	8	Clear	Fair	Fair	
Thursday, 6	30.30	30.24	30.29	30.28	37	40	40	39.2	46	31	81	91	91	S E	S E	N W	3	5	6	Cloudy	Cloudy	Lt. Rain	.48
Friday, 7	30.34	30.33	30.39	30.37	34	49	43	42.2	54	31	90	71	83	N E	S	S	6	3	6	Cloudy	Fair	Clear	*–
Saturday, 8	30.43	30.34	30.35	30.37	42	58	55	52.5	60	39	91	64	81	N E	E	S	2	1	8	Cloudy	Cloudy	Cloudy	
Means.....				30.28	.			39.6	...	...							...	...	...				.54

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error. * Precipitation too small to measure.

Digitized by Google

Week Ending Saturday, November 15, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Cervical		1
" Peritoneal	1	
" Psoas	1	
Anemia	1	1
Apoplexy	3	
Asphyxia		2
Aneurism, Pul. Artery	1	
Bright's Disease	4	
Cancer of Neck	1	
" Pelvis	1	
" Stomach	1	
" Tongue	1	
" Uterus	1	
Casualties	4	
Cerebro Spinal Meningitis		1
Cirrhosis of the Liver	4	
Congestion of Brain	3	
" Lungs	2	
Consumption of Lungs	55	9
Convulsions		9
" Puerperal	1	
Croup		16
Cyanosis		1
Debility	4	5
Degeneration of Spleen		1
Diphtheria	1	12
Dropsy	3	
" Abdominal	1	
" of the Brain		2
" " Heart	1	
Disease of Brain	2	
" Heart	7	1
" Hip		1
" Liver	2	
Drowned	4	
Epilepsy	1	1
Fatty Degen. of Heart	1	
Fever, Intermittent		1
" Scarlet		1
" Typhoid	4	3
Fracture of Skull	1	
Heart Clot		1
Hemorrhage, Uterus	1	
Inflammat'n, Brain		4
" Bronchi	1	6
" Larynx		1
" Lungs	14	3
" Pericardi'm	2	
" Peritoneum	3	

CAUSES OF DEATH.	ADULTS.	MINORS.
Inflam'at'n, Pleura	1	
" S. & Bowels	6	4
" Tonsils		2
Intemperance	1	
Insanity	1	
Inanition		3
Intussusception		1
Laryngismus Stridulus		1
Mania a potu	1	
Marasmus		12
Old Age	13	
Paralysis	6	2
Septicæmia	2	
Softening of Brain	2	
Syphilis		1
Tabes Mesenterica		1
Thrombosis	2	
Ulceration of Stomach	1	
Uræmia	2	
	176	111

Of the above there were:

Under 1 year	46
From 1 to 2	23
" 2 to 5	20
" 5 to 10	11
" 10 to 15	4
" 15 to 20	7
" 20 to 30	33
" 30 to 40	28
" 40 to 50	23
" 50 to 60	31
" 60 to 70	23
" 70 to 80	25
" 80 to 90	11
" 90 to 100	2
" 100 to 110	0

DEATHS IN EACH WARD.	
First	12
Second	9
Third	11
Fourth	10
Fifth	8
Sixth	6
Seventh	12
Eighth	8
Ninth	4
Tenth	4
Eleventh	4
Twelfth	4
Thirteenth	4
Fourteenth	3
Fifteenth	13
Sixteenth	5
Seventeenth	10
Eighteenth	10
Nineteenth	17
Twentieth	13
Twenty-first	8
Twenty-second	4
Twenty-third	9
Twenty-fourth	15
Twenty-fifth	8
Twenty-sixth	10
Twenty seventh	23
Twenty-eighth	11
Twenty-ninth	11
Thirtieth	9
Thirty-first	12

Nativity, &c.

United States	198
Foreign	67
Unknown	22
People of Color	20
From Almsho'se	10
Males	149
Females	138
Boys	62
Girls	49

Premature Birth.

Males	2
Females	3
Total	5

Still-Born.

Males	5
Females	6
Total	11

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, November 15, 1879.

Month and Day.	Barometer.				Thermometer.						Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.
1879. NOVEMBER.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 9	30.32	30.20	30.19	30.22	57	71	62	63.0	72	54	87	58	77	S W	S W	S W	1	22	12	Cloudy	Fair	Fair	.03
Monday, 10	30.24	30.24	30.30	30.27	58	68	62	62.5	69	57	88	42	46	S W	N W	N W	4	16	11	Fair	Fair	Fair	
Tuesday, 11	30.32	30.17	30.09	30.17	49	54	56	53.7	59	48	71	74	81	N E	N E	S	8	6	4	Cloudy	Cloudy	Fair	*
Wednes'y, 12	29.95	29.87	29.80	29.86	58	74	67	66.5	75	52	88	59	74	S W	S W	S W	15	15	8	Cloudy	Fair	Cloudy	.01
Thursday, 13	29.96	30.04	30.16	30.08	60	68	54	59.0	69	54	60	47	80	N W	N W	E	12	7	9	Clear	Clear	Cloudy	
Friday, 14	30.19	30.01	29.89	29.99	54	58	65	60.5	66	51	87	94	94	S E	S E	S W	8	7	11	Cloudy	Cloudy	Clear	.01
Saturday, 15	29.76	29.62	29.73	29.71	62	73	62	64.7	73	60	94	67	83	S W	S W	W	13	20	5	Fair	Cloudy	Fair	.05
Means				30.04				61.4															.10

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

* Precipitation too small to measure.

Digitized by Google

Week Ending Saturday, November 22, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Liver	2	
Anemia	1	
Aneurism of Aorta	1	
Asthma	1	
Apoplexy	3	
Bright's Disease	5	
Burns and Scalds	1	
Cancer of Peritoneum	1	
" Stomach	1	
" Uterus	1	
Carbuncle	1	
Casualties		2
Cholera Infantum		2
Cirrhosis of the Liver	1	
Congestion of Brain		3
" Lungs	1	
Consumption of Lungs	35	4
Concussion of Brain	1	
Constipation	1	
Convulsions		11
Croup		5
Cyanosis		2
Debility	6	1
Diarrhœa	1	2
Diphtheria		5
Dropsy	1	2
" of the Brain		1
" " Chest	1	
" " Heart	2	1
Disease of Brain	1	
" Heart	11	
" Kidneys		1
" Liver	1	
" Lungs	1	
" Spine		1
Drowned	1	
Effusion on Brain		1
Empyema	1	
Embolism of Brain	1	
Enlargement of Heart		1
" Liver	1	
Erysipelas	1	1
Emphysema of Lungs	1	
Fatty Degen. of Heart	2	
Fever, Puerperal	1	...
" Rheumatic		1
" Scarlet		9
" Typhoid	8	5
Heart Clot	1	

CAUSES OF DEATH.	ADULTS.	MINORS.
Hemorrhage, Lungs	2	
" Uterus	1	
Hypertrophy of Heart	1	
Inflam'at'n, Brain	1	7
" Bronchi	1	2
" Knee-joint	1	
" Larynx		1
" Liver	1	
" Lungs	15	6
" Pericard'm	1	
" Peritoneum	7	1
" S. & Bow'ls		1
Inanition	1	5
Intussusception	1	
Mania a potu	2	
Marasmus		8
Measles		1
Old Age	14	
Paralysis	2	
Pyemia		1
Sclerosis of Spinal Cord	1	
Spina Bifida		1
Teething		1
Tetanus	1	
Tumor of Thigh		1
" Ovarian	2	
Uræmia	1	
Wounds, Gunshot		1
	156	98

Of the above there were:

Under 1 year	41
From 1 to 2	10
" 2 to 5	18
" 5 to 10	9
" 10 to 15	5
" 15 to 20	15
" 20 to 30	32
" 30 to 40	30
" 40 to 50	20
" 50 to 60	19
" 60 to 70	22
" 70 to 80	22
" 80 to 90	9
" 90 to 100	2
" 100 to 110	0

DEATHS IN EACH WARD.	
First	14
Second	7
Third	7
Fourth	15
Fifth	4
Sixth	4
Seventh	7
Eighth	2
Ninth	2
Tenth	5
Eleventh	2
Twelfth	3
Thirteenth	6
Fourteenth	6
Fifteenth	16
Sixteenth	5
Seventeenth	10
Eighteenth	8
Nineteenth	21
Twentieth	12
Twenty-first	3
Twenty-second	9
Twenty-third	6
Twenty fourth	15
Twenty-fifth	9
Twenty-sixth	8
Twenty-seventh	12
Twenty-eighth	10
Twenty-ninth	8
Thirtieth	7
Thirty-first	11

Nativity, &c.

United States	174
Foreign	65
Unknown	15
People of Color	13
From Almsho'se	9
Males	127
Females	27
Boys	49
Girls	49

Premature Birth.

Males	1
Females	3
Total	4

Still-Born.

Males	10
Females	3
Total	13

Digitized by Google

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE

WEEK ENDING SATURDAY, NOVEMBER 22, 1879.

Month and Day.	BAROMETER.				THERMOMETER.						REL. HUMIDITY			DIRECTION of WIND			VELOCITY OF WIND.			STATE OF WEATHER.			RAIN.
1879. NOVEMBER.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 16	29.91	30.00	30.20	30.08	53	60	51	53.7	61	50	73	34	40	W	N W	N W	6	19	11	Clear	Clear	Clear	
Monday, 17	30.35	30.27	30.17	30.24	44	54	47	48.0	56	43	68	49	70	N W	E	E	9	4	4	Clear	Fair	Cloudy	
Tuesday, 18	29.87	29.79	30.01	29.92	46	45	89	42.2	49	37	100	92	73	N E	N W	N	14	14	25	Lt. Rain	Cloudy	Cloudy	.33
Wednes'y, 19	30.11	29.97	29.83	29.93	33	38	35	35.2	38	30	70	72	61	N W	W	W	14	6	5	Fair	Cloudy	Fair	
Thursday, 20	29.47	29.60	29.83	29.68	34	30	27	29.5	39	24	70	89	76	W	N W	N W	12	32	34	Cloudy	Cloudy	Clear	*.07
Friday, 21	30.10	30.16	30.28	30.20	20	28	25	24.5	29	19	70	66	87	N W	N W	W	24	26	6	Clear	Clear	Clear	
Saturday, 22	30.37	30.27	30.19	30.26	22	34	32	30.0	36	21	72	70	79	S W	S	S	2	14	8	Clear	Fair	Clear	
Means.....				30.04	...	...	...	37.6	...	...													.40

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error. * Snow.

Digitized by Google

Week Ending Saturday, November 29, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Aneurism of the Aorta	1	
Asthma	1	
Apoplexy	6	
Asphyxia		1
Bright's Disease	3	
Burns and Scalds		1
Cancer of Breast	2	
" Omentum	1	
" Stomach	2	
Casualties	2	2
Cerebro Spinal Meningitis	1	
Child-Birth	1	
Cirrhosis of the Liver	2	
Congestion of Brain	2	2
Consumption of Lungs	42	2
Concussion of Brain	1	
Convulsions		3
Croup		10
Cyanosis		2
Debility	3	8
Diarrhœa	2	1
Diphtheria		6
Dropsy	4	1
" Abdominal	1	
" of the Heart	1	
Disease of Heart	14	1
" Kidneys	1	
Drowned	1	
Dysentery	2	
Effusion on Brain		1
Embolism of Heart	1	
Epilepsy	2	
Emphysema of Lungs	1	
Fatty Degenerati'n, Liver	1	
Fever, Puerperal	1	
" Remittent	1	1
" Scarlet		5
" Typhoid	5	
Heart Clot	2	1
Hemorrhage, Stomach	1	
" Secondary	1	
Hooping Cough		1
Hypertrophy of Heart	1	
Inflammat'n, Brain		5
" Bronchi	2	1
" Kidneys		1
" Lungs	15	4
" Peritoneum	7	
" Spine		1
Inflam'at'n, S. & Bowels	2	3
" Tonsils		1
Insanity	1	
Malformation		1
Marasmus		6
Old Age	8	
Ossification of Heart	1	
Paralysis	4	
Poisoning, Opium	1	
Pyemia	2	
Sore Mouth		1
Softening of Brain	1	
Syphilis	1	1
Tumor, Brain	1	
Ulceration of Pharynx	1	
Uræmia	2	1
Wounds, Gunshot	1	
	161	75

Of the above there were:

Under 1 year	30
From 1 to 2	9
" 2 to 5	18
" 5 to 10	12
" 10 to 15	3
" 15 to 20	3
" 20 to 30	22
" 30 to 40	30
" 40 to 50	30
" 50 to 60	20
" 60 to 70	31
" 70 to 80	23
" 80 to 90	7
" 90 to 100	0
" 100 to 110	0

DEATHS IN EACH WARD.	
First	13
Second	6
Third	5
Fourth	7
Fifth	7
Sixth	0
Seventh	12
Eighth	7
Ninth	3
Tenth	3
Eleventh	5
Twelfth	4
Thirteenth	5
Fourteenth	4
Fifteenth	10
Sixteenth	6
Seventeenth	4
Eighteenth	13
Nineteenth	18
Twentieth	15
Twenty-first	4
Twenty-second	4
Twenty-third	16
Twenty-fourth	12
Twenty-fifth	8
Twenty-sixth	5
Twenty seventh	14
Twenty-eighth	4
Twenty-ninth	11
Thirtieth	6
Thirty-first	7

Nativity, &c.

United States	156
Foreign	70
Unknown	12
People of Color	12
From Almsho'se	7
Males	124
Females	114
Boys	36
Girls	39

Premature Birth.

Males	1
Females	3
Total	4

Still-Born.

Males	1
Females	8
Total	9

Digitized by Google

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE

WEEK ENDING SATURDAY, NOVEMBER 29, 1879.

Month and Day.	BAROMETER.				THERMOMETER.						REL. HUMIDITY			DIRECTION of WIND			VELOCITY OF WIND.			STATE OF WEATHER.			RAIN.
1879. NOVEMBER.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 23	29.94	29.88	30.17	30.04	38	51	37	40.7	52	28	63	34	45	S W	S W	N W	13	20	30	Cloudy	Clear	Clear	
Monday, 24	30.39	30.37	30.35	30.36	29	42	33	34.2	44	29	67	66	61	W	W	S W	15	9	8	Clear	Clear	Clear	
Tuesday, 25	30.15	30.07	30.21	30.16	36	48	44	43.0	50	30	71	49	60	S W	S W	N W	16	17	7	Cloudy	Clear	Clear	
Wednes'y, 26	30.45	30.45	30.49	30.47	35	43	44	41.5	47	30	70	51	60	N W	N W	N W	12	9	1	Clear	Clear	Clear	
Thursday, 27	30.47	30.32	30.28	30.34	32	46	45	42.0	53	31	79	69	84	N E	N E	S	6	3	13	Cloudy	Fair	Fair	
Friday, 28	30.10	29.91	29.79	29.90	50	60	59	57.0	63	40	86	94	94	S	S	S	8	15	25	Lt. Rain	Cloudy	Lt. Rain	.15
Saturday, 29	29.76	29.94	30.20	30.03	50	45	35	41.2	59	34	79	53	61	W	N W	W	19	28	22	Cloudy	Fair	Clear	.19
Means				30.19	...	...	...	42.8	...	...							...	...	...				.34

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

Week Ending Saturday, December 6, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Bowels	1	
" Liver	1	
Asthma	2	
Apoplexy	3	
Bright's Disease	3	
Burns and Scalds	1	
Cancer of Bowels	1	
" Bladder	1	
" Stomach	1	
" Uterus	1	
" Parotid Gland	1	
Casualties	5	
Cholera Infantum		2
" Morbus	1	
Compression of Brain		1
Cirrhosis of the Liver	1	
Collapse of Lungs		1
Congestion of Brain	1	1
" Lungs	3	2
Consumption of Lungs	46	4
Convulsions	1	13
Croup		13
Cyanosis		2
Debility	4	3
Diabete	1	
Diphtheria		9
Dropsy	3	
" of the Brain		2
" " Heart		1
" " Lungs	3	
Disease of Heart	12	1
Drowned	2	
Effusion on Brain		1
Enlargement of Heart	1	
Fatty Degen. of Heart	1	
Fever, Remittent		2
" Scarlet		6
" Typhoid	6	1
Fracture of Ankle	1	
Hemorrhage from Lungs	1	
Hooping Cough		1
Hypertrophy of Heart	2	
" Liver	1	
Inflammat'n, Brain	2	3
" Bronchi	...	3
" Heart	1	
" Kidneys	2	
" Larynx	1	2
" Liver	1	

CAUSES OF DEATH.	ADULTS.	MINORS.
Inflam'at'n, Lungs	4	3
" Pleura	2	
" Rectum	1	
" S. & Bow'ls.	2	3
" Tonsils		1
Imperforation of Bowels		1
Inanition		1
Intussusception	1	
Laryngismus Stridulus		1
Marasmus		7
Neuralgia of the Heart	1	
Old Age	16	
Obstruction of Bowels		1
Paralysis	3	1
Pyemia	1	1
Rheumatism	1	
Septicæmia	2	
Softening of Brain	4	
Small Pox		1
Spina Bifida		1
Suffocation	1	
Suicide, Cutting Throat	2	
" Shooting	4	
Teething		2
Tumor of Larynx		1
Unknown		1
Uræmia		1
	164	101

Of the above there were:

Under 1 year	41
From 1 to 2	14
" 2 to 5	28
" 5 to 10	13
" 10 to 15	1
" 15 to 20	4
" 20 to 30	30
" 30 to 40	24
" 40 to 50	34
" 50 to 60	27
" 60 to 70	13
" 70 to 80	20
" 80 to 90	12
" 90 to 100	3
" 100 to 110	1

DEATHS IN EACH WARD.	
First	10
Second	6
Third	5
Fourth	10
Fifth	4
Sixth	6
Seventh	12
Eighth	5
Ninth	1
Tenth	3
Eleventh	5
Twelfth	7
Thirteenth	7
Fourteenth	7
Fifteenth	10
Sixteenth	7
Seventeenth	8
Eighteenth	16
Nineteenth	19
Twentieth	16
Twenty-first	7
Twenty-second	11
Twenty-third	8
Twenty-fourth	12
Twenty-fifth	8
Twenty-sixth	8
Twenty-seventh	12
Twenty-eighth	4
Twenty-ninth	9
Thirtieth	11
Thirty-first	11

Nativity, &c.

United States	179
Foreign	76
Unknown	10
People of Color	17
From Almsho'se	3
Males	129
Females	136
Boys	47
Girls	54

Premature Birth.

Males	1
Females	3
Total	4

Still-Born.

Males	10
Females	4
Total	14

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, December 6, 1879.

Month and Day.	Barometer.				Thermometer.						Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.
1879. NOVEMBER.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 30	30.44	30.52	30.58	30.53	29	34	30	30.7	36	29	67	34	57	N W	N	N	16	20	3	Clear	Clear	Clear	
DECEMBER.																							
Monday, 1	30.51	30.36	30.31	30.37	27	43	38	36.5	45	26	76	28	72	S W	S W	S W	7	18	8	Fair	Fair	Fair	
Tuesday, 2	30.27	30.16	30.16	30.19	38	50	47	45.5	53	33	81	52	62	S W	S W	S W	4	11	8	Fair	Fair	Fair	
Wednes'y, 3	30.16	30.10	30.10	30.11	42	57	52	50.7	57	41	91	63	86	S W	S	S W	3	11	7	Fair	Fair	Cloudy	
Thursday, 4	30.16	30.23	30.36	30.27	54	61	49	53.2	61	45	93	50	64	S W	N E	N E	5	7	12	Cloudy	Cloudy	Cloudy	*
Friday, 5	30.43	30.33	30.29	30.34	37	47	44	43.0	48	36	82	85	91	N E	N E	N E	15	16	12	Cloudy	Cloudy	Cloudy	
Saturday, 6	30.11	29.83	29.65	29.81	46	60	59	56.0	60	43	100	92	100	N E	S E	S	16	16	9	Lt. Rain	Cloudy	Cloudy	.89
Means.....				30.23	...	...	...	45.1	...	...							...	...	...				.89

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error. * Precipitation too small to measure.

Digitized by Google

Week Ending Saturday, December 13, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Multipel		1
" Pleuritic		1
" of Liver	1	
Asphyxia		3
Apoplexy	9	
Bright's Disease	4	
Burns and Scalds	1	
Cancer of Duodenum	1	
" Stomach	2	
" Uterus	2	
Casualties	6	
Cerebro Spinal Meningitis		1
Child-Birth	1	
Congestion of Brain	3	2
" Lungs	4	2
Consumption of Lungs	48	8
Convulsions		8
Croup		9
Cyanosis		1
Debility	9	4
Diphtheria		5
Dropsy	2	
" of the Chest	1	
" " Heart	1	
Disease of Brain	1	
" Heart	7	1
" Kidneys	2	
" Liver		1
" Stomach	1	
Effusion on Brain		1
Embolism, Cerebral	1	
Enlargement of Prostate	1	
Exposure	2	
Fever, Puerperal	1	
" Scarlet		2
" Typhoid	5	2
" Typhus	1	
Fracture of Leg	1	
Gangreno of Foot	1	
Heart Clot	1	
Hooping Cough		6
Hypertrophy of Heart	1	
Inflammat'n, Brain		5
" Bronchi	3	7
" Bladder	1	
" Larynx	1	
" Lungs	15	5
" Peritoneum	4	
" Pleura	1	

CAUSES OF DEATH.	ADULTS.	MINORS.
Inflam'at'n, S. & Bowels	2	1
Intemperance	1	
Insanity	1	
Inanition	2	6
Marasmus		4
Measles		1
Murder	1	
Neuralgia	1	
Old Age	22	
Obstruct'n of Bowels	1	
Ossification of Heart	1	
Paralysis	6	1
Pyemia	2	
Septicæmia	1	
Softening of Brain	2	
Spina Bifida		1
Stone in Bladder	1	
Suicide, Hanging	1	
Tabes Mesenterica		1
Tumor of Uterus	1	
	192	90

Of the above there were:

Under 1 year	40
From 1 to 2	13
" 2 to 5	15
" 5 to 10	9
" 10 to 15	6
" 15 to 20	7
" 20 to 30	32
" 30 to 40	30
" 40 to 50	27
" 50 to 60	27
" 60 to 70	20
" 70 to 80	28
" 80 to 90	18
" 90 to 100	1
" 100 to 110	0

DEATHS IN EACH WARD.	
First	11
Second	14
Third	9
Fourth	8
Fifth	4
Sixth	4
Seventh	18
Eighth	10
Ninth	4
Tenth	9
Eleventh	5
Twelfth	2
Thirteenth	7
Fourteenth	5
Fifteenth	13
Sixteenth	3
Seventeenth	8
Eighteenth	14
Nineteenth	12
Twentieth	18
Twenty-first	8
Twenty-second	13
Twenty-third	6
Twenty-fourth	13
Twenty-fifth	7
Twenty-sixth	6
Twenty seventh	25
Twenty-eighth	6
Twenty-ninth	10
Thirtieth	8
Thirty-first	2

Nativity, &c.

United States	197
Foreign	66
Unknown	19
People of Color	16
From Almsho'se	10
Males	130
Females	152
Boys	35
Girls	55

Premature Birth.

Males	2
Females	1
Total	3

Still-Born.

Males	9
Females	10
Total	19

Digitized by Google

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE

WEEK ENDING SATURDAY, DECEMBER 13, 1879.

Month and Day.	BAROMETER.				THERMOMETER.						REL. HUMIDITY			DIRECTION of WIND			VELOCITY OF WIND.			STATE OF WEATHER.			RAIN.
1879. DECEMBER.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 7	29.76	29.90	30.06	29.95	52	56	49	51.5	60	48	66	40	64	N W	W	S W	16	12	4	Clear	Clear	Fair	.13
Monday, 8	30.14	30.09	30.21	30.16	46	54	48	49.0	55	42	84	61	70	S W	N E	N E	1	12	12	Fair	Fair	Fair	
Tuesday, 9	30.40	30.45	30.44	30.43	39	44	44	42.7	45	39	82	84	92	N E	E	E	13	12	8	Clear	Cloudy	Cloudy	*–
Wednes'y, 10	30.31	30.09	30.00	30.10	45	58	58	54.7	60	43	100	76	94	N E	S E	S	8	16	10	Cloudy	Cloudy	Cloudy	
Thursday, 11	29.86	29.84	29.94	29.90	60	48	45	49.5	61	43	88	85	68	S W	N W	N W	16	22	10	Cloudy	Cloudy	Cloudy	.32
Friday, 12	30.13	30.22	30.42	30.30	37	39	31	34.5	43	30	53	46	69	N W	N W	N	18	14	10	Cloudy	Fair	Clear	
Saturday, 13	30.62	30.62	30.64	30.63	27	36	33	32.2	38	27	64	45	61	N E	E	N E	10	9	10	Clear	Clear	Fair	
Means				30.21				44.9															.45

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error. * Precipitation too small to measure.

Digitized by Google

Week Ending Saturday, December 20, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Bladder	1	
" Hip	1	
Aneurism of the Aorta	1	
Asphyxia		2
Apoplexy	9	
Burns and Scalds		1
Cancer of Breast	1	
" Stomach	1	
" Lungs	1	
" Uterus	2	
Casualties	2	
Child-Birth	1	
Congestion of Brain	3	1
" Lungs	6	3
Consumption of Bowels	1	
" Lungs	41	2
Convulsions		12
Cramps		1
Croup		14
Cyanosis		1
Debility	5	8
Degeneration of Kidneys	1	
Diabetes	1	
Diphtheria		6
Dropsy	4	
" Abdominal	1	
" of the Brain		1
" " Chest	1	
Disease of Heart	11	
Drowned	2	
Effusion on Brain		2
Embolism of Brain	1	
Epilepsy	3	
Fatty Degen. of Heart	2	
Fever, Congestive	1	
" Puerperal	1	
" Scarlet		3
" Typhoid	2	4
Gangrene, Senile	2	
Hemorrhage from Lungs	2	
Inflammat'n, Brain	1	2
" Bronchi	1	8
" Larynx		1
" Liver	2	
" Lungs	9	9
" Pericardi'm	1	
" Peritoneum	4	1
" Pleura	3	
" S. & Bowels	3	2

CAUSES OF DEATH.	ADULTS.	MINORS.
Inanition		4
Marasmus		5
Old Age	15	
Paralysis	6	...
Sclerosis of Brain	1	
" Spinal Cord	1	
Scrofula		1
Softening of Brain	1	
Small Pox	2	2
Trismus Nascentium		1
Tumor of Abdomen	1	
Ulceration of Thigh	1	
Uræmia	1	
	164	97

Of the above there were:

Under 1 year	45
From 1 to 2	8
" 2 to 5	23
" 5 to 10	13
" 10 to 15	7
" 15 to 20	1
" 20 to 30	28
" 30 to 40	24
" 40 to 50	24
" 50 to 60	22
" 60 to 70	29
" 70 to 80	20
" 80 to 90	14
" 90 to 100	3
" 100 to 110	0

DEATHS IN EACH WARD.	
First	15
Second	8
Third	3
Fourth	10
Fifth	5
Sixth	5
Seventh	8
Eighth	9
Ninth	3
Tenth	6
Eleventh	7
Twelfth	4
Thirteenth	3
Fourteenth	5
Fifteenth	20
Sixteenth	7
Seventeenth	6
Eighteenth	10
Nineteenth	16
Twentieth	14
Twenty-first	5
Twenty-second	9
Twenty-third	6
Twenty fourth	12
Twenty-fifth	12
Twenty-sixth	14
Twenty-seventh	10
Twenty-eighth	6
Twenty-ninth	10
Thirtieth	7
Thirty-first	6

Nativity, &c.

United States	184
Foreign	65
Unknown	12
People of Color	19
From Almsho'se	5
Males	125
Females	136
Boys	58
Girls	39

Premature Birth.

Males	1
Females	1
Total	2

Still-Born.

Males	5
Females	7
Total	12

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, December 20, 1879.

Month and Day.	Barometer.				Thermometer.						Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.	
1879. DECEMBER.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.	
Sunday, 14	30.45	30.06	29.87	30.06	33	36	41	37.7	43	31	100	100	100	N E	N E	W	17	14	4	Lt. Rain	Lt. Rain	Lt. Rain	1.08	
Monday, 15	29.73	29.70	29.86	29.79	40	48	39	41.5	49	37	100	56	55	S W	N W	W	Brisk Fresh	20	10	Cloudy	Fair	Clear	.02	
Tuesday, 16	30.12	30.10	30.03	30.07	29	33	34	32.5	37	28	56	70	61	N W	W	S		10	8	Clear	Cloudy	Clear		
Wednes'y, 17	29.96	30.00	30.19	30.09	37	46	38	39.7	47	34	71	54	63	S W	N W	N W		5	18	11	Cloudy	Clear	Cloudy	
Thursday, 18	30.38	30.39	30.42	30.41	28	37	34	33.2	42	27	66	63	61	N	S	S		10	4	4	Fair	Clear	Clear	
Friday, 19	30.30	30.25	30.25	30.26	30	32	32	31.5	36	29	100	89	100	N E	N E	N E		9	8	12	Lt. Snow	Cloudy	Cloudy	.14
Saturday, 20	30.10	30.01	30.09	30.07	35	38	40	38.2	40	32	90	91	82	S W	S W	N W		6	3	7	Cloudy	Cloudy	Cloudy	.13
Means.....				30.11	...	...	...	36.3	...	...							.	...	...				1.37	

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

Week Ending Saturday, December 27, 1879.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Cervical		1
" of Liver	1	
" of Neck		1
Asthma	1	
Apoplexy	3	
Boil	1	
Bright's Disease	6	
Caries of the Femur	1	
Cancer of Bladder	1	
" Bones	1	
" Breast	2	
" Peritoneum	1	
" Prostate	1	
" Stomach	1	
" Uterus	3	
Casualties	1	
Cholera Infantum		2
Cirrhosis of the Liver	2	
Congestion of Brain	3	
" Lungs	1	2
Consumption of Bowels		1
" Lungs	40	3
Convulsions	2	8
" Puerperal	1	
Coryza		1
Croup		8
Cyanosis		1
Debility	5	7
Diabetes	1	
Diarrhœa	1	
Diphtheria		10
Dropsy of the Brain		1
" " Chest	1	
" " Heart		1
" " Lungs	1	
Disease of Heart	6	1
" Kidneys		1
" Liver	5	
" Spine	1	
Drowned	2	
Enlargement of Heart	1	
Epilepsy	3	
Erysipelas	1	2
Fatty Degen. of Heart	1	
Fever, Scarlet		3
" Typhoid	5	4
Hemorrhage from Lungs	1	
Hooping Cough		1
Hypertrophy of Heart	3	
Inflam'at'n, Brain	3	1
" Bronchi	4	4
" Kidneys	1	
" Liver	1	
" Lungs	15	10
" Pericardi'm	1	
" Peritoneum	3	
" S. & Bow'ls.	4	6
" Tonsils		1
Intemperance	1	
Insanity	2	
Inanition	2	6
Intussusception		2
Marasmus	1	5
Old Age	14	
Paralysis	5	
Pyemia	1	
Septicæmia	1	
Sore Mouth		1
Softening of Brain	3	
" Spin'l Cord	1	
Small Pox		1
Suicide, Strychnine	1	
Syphilis	1	
Ulceration of Bowels	1	
Uræmia		1
	177	97

Of the above there were:

Under 1 year	37
From 1 to 2	18
" 2 to 5	22
" 5 to 10	8
" 10 to 15	4
" 15 to 20	8
" 20 to 30	32
" 30 to 40	30
" 40 to 50	22
" 50 to 60	25
" 60 to 70	32
" 70 to 80	19
" 80 to 90	15
" 90 to 100	2
" 100 to 110	0

DEATHS IN EACH WARD.	
First	12
Second	7
Third	2
Fourth	8
Fifth	8
Sixth	2
Seventh	14
Eighth	1
Ninth	5
Tenth	9
Eleventh	10
Twelfth	4
Thirteenth	5
Fourteenth	8
Fifteenth	23
Sixteenth	4
Seventeenth	12
Eighteenth	10
Nineteenth	18
Twentieth	15
Twenty-first	8
Twenty-second	5
Twenty-third	1
Twenty-fourth	10
Twenty-fifth	14
Twenty-sixth	12
Twenty-seventh	13
Twenty-eighth	12
Twenty-ninth	7
Thirtieth	4
Thirty-first	11

Nativity, &c.	
United States	183
Foreign	76
Unknown	15
People of Color	10
From Almsho'se	4
Males	148
Females	126
Boys	53
Girls	41

Premature Birth.	
Males	1
Females	1
Total	2

Still-Born.	
Males	11
Females	12
Total	23

Digitized by Google

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, December 27, 1879.

Month and Day.	Barometer.				Thermometer.						Rel. Humidity			Direction of Wind			Velocity of Wind.			State of Weather.			Rain.
1879. DECEMBER.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Maximum.	Minimum.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 21	30.37	30.47	30.52	30.47	28	24	17	21.5	38	16	77	48	83	N	N E	N E	16	14	17	Cloudy	Cloudy	Lt. Snow	.03
Monday, 22	30.13	29.95	30.09	30.06	27	35	35	33.0	43	15	88	90	90	N W	S W	W	10	4	3	Sleet	Lt. Rain	Cloudy	.78
Tuesday, 23	30.38	30.42	30.41	30.41	40	37	34	36.2	42	33	82	90	90	N	N E	N E	1	8	10	Cloudy	Cloudy	Lt. Rain	.04
Wednes'y, 24	30.09	30.07	30.05	30.07	37	40	42	40.2	43	33	90	91	91	N	S W	S W	6	8	2	Lt. Rain	Cloudy	Cloudy	.65
Thursday, 25	29.93	29.92	29.97	29.95	43	35	29	34.0	49	27	100	90	89	N	N	N	9	12	15	Lt. Rain	Cloudy	Lt. Snow	.44
Friday, 26	30.17	30.17	30.35	30.26	15	24	14	16.7	27	13	65	48	64	N W	W	N W	10	16	18	Clear	Fair	Clear	
Saturday, 27	30.40	30.32	30.30	30.33	13	25	29	24.0	29	11	62	50	78	W	S W	S W	18	15	9	Cloudy	Clear	Cloudy	
Means				30.22				29.4															1.94

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Digitized by Google

TABLE XIII.

Marriages, Births, and Deaths for each month.

1879. Months.	Marriages.	Births.	Deaths.
January	432	1,664	1,748
February	405	1,584	1,363
March	363	1,628	1,468
April	441	1,342	1,250
May	444	1,298	1,052
June	428	1,443	1,006
July	362	1,584	1,885
August	382	1,625	1,345
September	490	1,583	1,099
October	521	1,575	1,159
November	500	1,535	1,016
December	456	1,638	1,082
Total	5,224	18,499	*15,473

Marriages, 5.79 in every 1,000 of the population.
Births, 20.52 in every 1,000 of the population.
Deaths, 17.17 in every 1,000 of the population.

* Premature births and still-born excluded.

Digitized by Google

TABLE XIV.

The following Table shows a General Summary of Deaths, Male and Female, from Scarlet Fever, from 1862 *to* 1879, *inclusive.*

Years.	Jan'y.		Feb'y.		March.		April.		May.		June.		July.		Aug.		Sept'r.		Oct'r.		Nov'r.		Dec'r.		Totals.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
1862	50	49	17	27	18	23	23	19	18	27	15	12	15	18	7	13	5	8	12	17	21	10	21	11	461
1863	11	6	12	21	20	19	22	25	17	13	17	8	10	12	7	7	7	8	6	3	7	9	6	2	275
1864	5	6	4	11	12	12	11	9	11	8	11	8	15	13	11	10	7	8	12	8	31	29	47	50	349
1865	34	38	43	52	37	41	25	35	13	21	35	35	27	19	23	19	11	12	10	6	25	23	18	22	624
1866	28	33	24	28	12	11	18	20	22	17	24	22	18	12	12	15	8	11	19	13	17	30	38	39	491
1867	38	41	22	27	17	18	16	19	22	27	11	18	8	22	12	8	2	1	9	6	7	7	6	3	367
1868	8	11	4	8	10	4	10	10	6	6	12	11	6	5	6	9	10	8	12	12	9	11	16	20	224
1869	22	21	29	23	37	35	33	36	34	40	47	37	28	30	18	34	15	25	32	23	46	43	62	49	799
1870	57	55	55	59	87	67	72	73	76	90	38	52	27	26	17	18	6	10	7	7	12	14	16	15	956
1871	19	14	15	22	22	22	15	15	20	17	5	12	11	2	7	3	1	4	7	6	5	9	5	4	262
1872	6	9	10	10	8	6	7	7	8	9	11	15	9	10	5	5	1	2	5	3	7	5	8	8	174
1873	17	17	13	13	22	30	18	18	20	25	19	13	11	16	4	2	1	5	6	3	11	15	11	9	319
1874	24	20	17	22	18	14	15	21	17	16	22	11	14	15	17	18	27	20	23	28	18	19	23	22	461
1875	42	60	47	42	67	82	67	54	54	50	91	80	39	48	32	31	14	16	14	19	14	18	18	33	1,032
1876	30	25	20	15	37	29	20	18	15	23	12	8	14	3	4	2	1	4	7	10	9	6	10	6	328
1877	14	13	8	9	7	13	7	10	13	21	22	12	18	28	24	15	8	11	17	14	13	16	33	33	379
1878	32	27	24	26	32	23	26	22	30	32	22	19	17	20	16	9	15	17	35	28	19	22	22	19	554
1879	24	21	15	19	25	29	22	19	16	11	20	11	15	16	9	7	7	5	7	7	12	5	7	7	336

Digitized by Google

TABLE XV.—Cholera Infantum, June, 1879.

Deaths per Diem, with Meteorological Observations, &c.

Days of the month.	Deaths per diem.	Thermometer.			Barometer.	Rain, inches.	Prevailing winds.
		Mean daily value.	Maximum.	Minimum.	Mean daily value.		
1	1	83.2	93	71	29.96		S. W.
2	4	75.2	85	71	29.95	1.02	W.
3	1	69.5	73	67	29.92	1.60	W.
4	2	67.7	74	62	29.96	.54	S. W.
5	1	70.7	82	63	29.97	1.02	S. W.
6	1	71.7	81	60	29.88	.03	W.
7		59.2	66	49	30.16		N.
8	5	66.7	75	55	30.13		N. W.
9	1	70.0	78	62	30.03		S. W.
10		77.7	87	64	29.92	.55	S. W.
11		76.5	84	69	29.93	.74	W.
12	3	73.0	81	68	29.78	.07	S. W.
13	2	71.5	78	66	29.85		N.
14	1	70.0	78	57	29.87		S.
15	3	81.0	88	67	29.54		S. W.
16	2	71.7	82	63	29.66	.20	W.
17		63.5	71	58	30.02		N. W.
18	2	62.7	70	54	30.15	.02	N.
19	2	64.5	70	55	30.23		N. E.
20		66.0	74	57	30.24		S.
21		68 0	79	58	30.21		S. W.
22	2	68.7	75	60	30.08		S.
23	2	75.7	85	64	30.07		S.
24	2	76.2	87	68	30.16		S.
25	3	69.5	77	64	30.13	.69	S.
26	1	76.0	84	66	30.07	.02	S.
27	4	82.2	90	70	29.94		W.
28	16	79.2	91	73	29.76	.04	S. W.
29	8	72.7	82	69	29.75	.18	N. W.
30	9	72.5	80	64	30 03		N.

Digitized by Google

TABLE XVI.—Cholera Infantum, July, 1879.

Deaths per Diem, with Meteorological Observations, &c.

Days of the month.	Deaths per diem.	Thermometer.			Barometer.	Rain, inches.	Prevailing winds.
		Mean daily value.	Maximum.	Minimum.	Mean daily value.		
1	4	71.5	81	61	30.25		N.
2	8	74.0	86	64	30.20		S. W.
3	11	82.0	92	67	30.05		S. W.
4	18	82.7	93	72	29.90		S. W.
5	11	66.7	80	63	30.17		S. W.
6	11	68.7	78	61	30.22		S.
7	9	69.2	77	61	30 11		S.
8	7	78.2	85	67	29.79	.42	S. W.
9	9	76.5	82	72	29.86		N. W.
10	11	78.0	87	67	29.81	.13	N. W.
11	12	75.5	87	71	29.64	.60	W.
12	12	75.0	79	69	29.75	.02	N. E.
13	10	75.0	86	67	29.98		E.
14	16	77.2	87	65	30.01		S. W.
15	16	83.2	93	69	29.95		S. W.
16	32	87.0	96	75	29.82		W.
17	19	77.0	85	70	29.86		N.
18	15	70.7	80	64	30.01		N.
19	9	69.5	77	63	30.15		N. E.
20	13	68.5	78	61	30.26		E.
21	20	71 2	81	62	30.19		S.
22	13	76.7	89	66	29.98		S. W.
23	20	80.5	87	70	29.79		S. W.
24	7	75.5	82	71	29.93	.75	E.
25	13	70.2	73	69	29.97	.05	E.
26	7	71.0	78	67	29.81	1.62	N. E.
27	8	79.0	88	71	29.87	.02	W.
28	13	80.0	88	74	29.94	.01	W.
29	9	78.0	84	72	29.97		W.
30	7	76.0	79	73	30.04		S. W.
31	15	78.5	86	72	30.14		S. W.

Digitized by Google

TABLE XVII.—Cholera Infantum, August, 1879.
Deaths per diem, with Meteorological Observations, &c.

Days of the month.	Deaths per diem.	Thermometer.			Barometer.	Rain, inches.	Prevailing winds.
		Mean daily value.	Maximum.	Minimum.	Mean daily value.		
1	16	79.2	88	71	30.14		S. W.
2	11	80.7	91	72	30.07		W.
3	17	82.5	93	74	29.95		S. W.
4	20	76.7	88	74	29.92	.19	W.
5	17	81.2	89	72	29.88		W.
6	17	82.2	88	75	29.84		N. W.
7	8	71.0	79	68	29.84	.32	E.
8	10	75.5	82	70	29.79	.32	N. W.
9	8	65.0	76	62	29.98		N.
10	5	67.7	76	55	30.02		N.
11	6	70.7	81	60	30.10		S. W.
12	12	75.5	83	64	30.15		S. W.
13	9	71.2	81	63	30.05		S. W.
14	9	76.2	86	66	29.85	.02	S. W.
15	3	71.0	76	68	30.02	.05	N. E.
16	8	73.0	83	67	29.88	1.36	E.
17	8	71.2	78	*	29 92	2.16	S.
18	4	65.2	70	52	29.82	2.32	E.
19	5	72.0	79	57	30 03		N. W.
20	6	69.7	80	64	30.15	.02	S.
21	8	72.5	82	64	30.08		S. W.
22	6	77.7	86	67	29.85		S. W.
23	10	76.5	86	70	29.77	.09	W.
24	4	73.2	79	70	29.77	.05	S. W.
25	5	64.7	72	62	29.75	.23	N. E.
26	4	64.0	67	59	29.88		N. E.
27	7	64.7	70	57	30.02		N. E.
28	4	65.7	74	56	30.10		N. E.
29	3	73.0	84	59	30.04		S. W.
30	7	72.7	84	*	30.01		N. E.
31	3	71.2	81	*	30.01		N.

* Minimum Thermometer broken.

Digitized by Google

TABLE XVIII.—Cholera Infantum, September, 1879.

Deaths per diem, with Meteorological Observations, &c.

Days of the month.	Deaths per diem.	Thermometer.			Barometer.	Rain, Inches.	Prevailing winds.
		Mean daily value.	Maximum.	Minimum.	Mean daily value.		
1	1	75.2	86	*	29.99		W.
2	3	72.7	80	*	30.03	.04	S.
3	5	72.7	75	*	29.81	.04	E.
4	5	74.0	79	*	29.85		N. W.
5	3	71.7	78	67	30.05		N. W.
6	1	69.2	81	60	30.09		S. E.
7	1	74.5	85	66	30.00	.32	S.
8	3	67.7	76	62	29.94	.12	W.
9	1	62.2	70	56	30.11		W.
10	1	61.5	68	53	30.29		N. W.
11	4	62.7	72	54	30.33		N. E.
12		64.0	75	56	30.20		N. E.
13	1	65.7	75	57	30.01	.29	N. E.
14	1	62.5	69	59	30.01	.12	W.
15	1	61.7	73	53	30.15		S.
16	2	63.7	74	54	29.92		S. W.
17	3	66.2	75	61	30.03		W.
18		65.2	74	55	30.16		S.
19	3	64.0	68	60	30.22		E.
20	1	61.7	67	55	30.30		N.
21	1	58.5	62	54	30.35		N. E.
22	4	58.2	61	55	30.19	.15	N. E.
23	1	64.0	73	53	30.10		S W.
24		60.5	70	54	30.03	.02	N. W.
25		51.7	57	47	30.29		N.
26	1	53.5	64	43	30.40		N. E.
27		57.5	71	46	30.40		S.
28	2	60.2	70	51	30.31		S.
29	1	64.0	70	57	30.33		S. W.
30		65.5	79	56	30.29	.02	S. W.

* Minimum Thermometer broken.

Digitized by Google

TABLE XIX.—*Meteorological Observations taken at the Signal Office, Philadelphia, Pa., furnished by C. A. Smith, Observer, S. S. C. U. S. A.*

Date. 1879.	BAROMETER.										THERMOMETER.							Local	WIND.									
	MEAN OF							RANGE.			MEAN OF				RANGE.					NUMBER OF MILES.								
	Local observations.	Telegraphic observations.						Highest.	Lowest.	Difference.	Local observations.	Telegraphic observations.			Maximum.	Minimum.	Difference.	Mean relative humidity. Local observations. (Per cent.)	Prevailing direction.	Noon to 6 P. M.	6 P. M. to midnight.	Midnight to 6 A. M.	6. A. M. to noon.	Total.	Maximum velocity during month.	Amount of rain or melted snow. (Inches and hundredths.)	Number of days on which rain or snow fell.	Number of auroras.
		Corrected for temperature, instrumental error, and elevation.			Corrected for temperature and instrumental error only.																							
		A. M.	P. M.	Mid-night.	A. M.	P. M.	Mid-night.					A. M.	P. M.	Midnight.														
Jan'y....	30.069	30 095	30.041	30.087	30.041	29.988	30 033	30.526	29 274	1.252	29.9	27.0	32.8	28.6	56	3	59	72.3	N.W.	2,648	2,397	2,088	2,113	9,246	48	2.73	7	
Feb'y....	30.087	30.114	30.058	30.098	30.059	30.001	30.044	30.777	29.545	1.232	29 9	26.0	32.9	29.4	60	8	52	71.3	N.W.	2,396	1,946	2,001	2,169	8,512	36	1.19	12	
March...	30.108	30 152	30.062	30.105	30.099	30.010	30 052	30.700	29.382	1 318	41.3	36.8	46 4	39.5	69	19	50	69.6	N.W.	2,327	1,672	1,557	1,983	7,539	48	2.28	15	
April.....	29.935	29.952	29 894	29.947	29.900	29.844	29.896	30.422	29.388	1.034	49.1	44.4	55.1	46.9	80	25	55	63.3	N.W.	2,780	1,998	1.847	2,366	8,991	50	4.21	13	
May.....	30.054	30.117	30.042	30.081	30.066	29.993	30.031	30.508	29 722	0.786	63.6	58.7	10.5	60.7	91	42	49	64.5	S. W.	2,181	1,709	1,281	1,794	6,965	27	1 22	7	1
June.....	29.984	30.007	29 943	29,993	29.957	29.894	29.944	30.298	29.480	0.818	71.7	68.5	78.1	68.2	93	49	44	68.5	S. W.	2,114	1,615	1,344	1,833	6,906	30	6.77	14	
July.....	29.986	30.010	29.954	29 984	29.961	29.907	29.935	30.298	29.555	0 743	75.6	72.0	82.2	72.8	96	61	35	65.6	S. W.	2,196	1,712	1,422	1,830	7,160	30	3.62	9	
August..	29 961	29.983	29.928	29.970	29.934	29.912	29.921	30.183	29.708	0.475	72.7	69.6	78.2	70.3	93	55	38	73.2	S. W.	2,061	1,614	1,361	1,832	6,868	32	7.13	12	
Sept.....	30.144	30.159	30.112	30.154	30.109	30.062	30.104	30.457	29.752	0.705	64.4	60.6	70 0	62.1	86	43	43	71.1	S.	1,867	1,433	1,331	1,725	6,356	33	1.12	9	
October.	30.168	30.201	30.129	30.171	30 150	30.079	30.119	30.816	29 556	1.260	61 7	57.6	67.8	58.9	87	32	55	66.9	S. W.	1,906	1,423	1,111	1,692	6,132	36	0.41	6	
Nov'r....	30.165	30.176	30.131	30.175	30.123	30 079	30.122	30.587	29.472	1.115	44.7	41 0	49.4	43.7	75	19	56	68.0	N.W.	2,352	1 914	1,755	2.242	8,263	40	1.38	11	
Dec'r.....	30.154	30.201	30.158	30.191	30.148	30.105	30.136	30.651	29.611	1.040	38.8	36.1	42.0	37.9	61	11	50	76.3	S. W.	2,247	1,791	1,891	2,035	7,964	32	4.69	13	
Annual means...	30.073	30.097	30.038	30.080	30.045	29.990	30.028	30.518	29.537	0.981	53.6	49.8	58.8	51.6	78.9	30.1	48.8	69.2	S. W.	2,256	1,769	1,582	1,968	7,575	36.8	3.06	11	

Digitized by Google

GENERAL REMARKS.

JANUARY.—Temperature and rain-fall both below normal; thermometer below zero on 3d; about five inches of snow during month.

FEBRUARY.—Temperature below normal; rain-fall less than half of usual amount; frost every day but one; about four inches of snow during month.

MARCH.—Temperature above normal; rain-fall deficient; frost twenty-one days; lightning on three days; about three-quarters of an inch of snow fell during the month.

APRIL.—Temperature above normal; rainfall slightly in excess; frost on four days; lightning on 28th; about a quarter of an inch of snow during month.

MAY.—Rain-fall less than half of average; temperature above normal; no frosts; aurora on night of 21st.

JUNE.—Temperature about normal; rain-fall double usual amount; no frosts during month.

JULY.—Temperature slightly above mean for season; rainfall deficient.

AUGUST.—Temperature slightly below normal; rain fall 1.59 inches in excess of average for nine years.

SEPTEMBER.—Rain-fall less than half usual amount; temperature slightly below normal; frosts on 26th and 27th.

OCTOBER.—Temperature over five degrees above normal; rain-fall largely deficient; frosts on 20th, 25th, and 26th; few snow-flakes on 24th.

NOVEMBER.—Temperature slightly above normal; rain-fall less than half of average; frost on fifteen days; about two and a-half inches of snow during month.

DECEMBER.—Temperature and humidity above normal; rain-fall in excess; thunder on 11th; about two and three-quarter inches of snow fell during month.

Digitized by Google

TABLE XX.

The following Table exhibits a General Summary of Deaths, Male and Female, from Typhoid Fever, for the past eighteen years.

Years.	Jan'y.		Feb'y.		March.		April.		May.		June.		July.		Aug.		Sept'r.		Oct'r.		Nov'r.		Dec'r.		Total.
	M.	F.	M.	F.	M.	F.	M	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
1862	23	12	24	12	22	13	22	8	23	10	25	14	68	16	109	17	34	14	44	18	37	16	36	12	629
1863	28	8	22	10	32	13	37	17	11	12	13	7	37	10	28	9	30	12	24	16	20	11	49	20	485
1864	27	18	28	12	36	21	26	16	25	19	20	18	35	14	69	27	38	18	40	25	25	23	39	20	648
1865	37	39	37	32	51	40	47	36	30	29	37	31	32	23	43	35	32	27	17	26	32	21	20	19	773
1866	20	14	16	13	14	18	8	14	7	8	9	12	14	8	34	24	21	21	27	25	16	13	16	9	381
1867	19	16	8	7	11	15	22	10	17	17	15	9	19	18	13	17	23	23	18	21	9	13	12	15	367
1868	14	17	10	13	15	16	13	14	7	13	19	12	15	26	22	21	23	23	11	16	15	23	20	17	395
1869	20	12	11	9	18	18	9	12	23	18	12	16	11	18	23	24	19	9	21	15	13	10	13	19	373
1870	13	10	22	15	33	21	16	8	26	21	22	17	21	18	27	27	18	19	10	6	7	11	13	8	409
1871	17	16	8	7	11	14	19	5	18	14	12	9	9	11	15	16	13	16	19	9	13	14	14	14	313
1872	14	12	15	10	19	13	11	12	11	26	13	11	20	20	21	16	20	18	20	14	17	6	20	10	369
1873	17	17	7	4	24	13	11	5	17	11	16	13	20	12	18	12	12	18	23	17	21	13	24	19	364
1874	24	20	17	22	18	14	15	21	17	16	22	11	14	15	17	18	27	20	23	28	18	19	23	22	461
1875	19	18	16	14	21	20	13	8	13	15	14	19	10	15	24	27	21	17	14	21	19	11	27	26	420
1876	21	15	16	21	22	23	26	9	25	26	24	20	25	25	67	42	47	57	45	43	29	32	45	56	761
1877	45	29	12	12	10	14	15	19	20	19	20	21	38	22	33	25	25	34	26	29	12	16	21	25	542
1878	15	19	12	20	12	16	16	19	15	14	14	12	11	12	38	20	19	20	21	20	12	14	13	20	404
1879	17	23	13	12	18	11	13	12	15	12	10	12	14	10	20	10	12	16	17	14	14	17	19	10	344

Digitized by Google

TABLE XXI.

Total Deaths from Typhoid Fever from 1861 to 1879, inclusive, by Wards.

Years.	Total.	Males.	Females.	Boys.	Girls.	Wards.																												Wards unknown and Country.			
						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
1861	281	148	133	46	52	14	18	4	12	5	3	17	9	10	10	6	5	11	13	9	10	19	12	23	13	8	7	11	13								19
1862	654	486	168	113	71	34	34	11	17	14	12	45	10	7	48	11	41	18	13	25	25	17	20	51	41	17	8	16	41	*8						70	
1863	486	340	146	85	60	25	22	14	16	8	10	20	10	6	16	8	11	15	17	22	10	19	18	40	17	12	16	8	35	15			..				76
1864	648	408	240	138	83	18	42	13	25	28	5	33	15	20	24	8	11	2	18	27	19	30	16	48	25	21	32	9	91	13							55
1865	773	415	358	105	100	24	32	22	48	62	9	69	26	17	11	10	13	9	22	34	18	33	30	60	26	12	27	11	65	10	†14						59
1866	381	202	179	67	59	10	18	17	8	14	6	26	12	8	7	5	11	9	13	15	17	19	22	33	25	10	11	7	24	6	10						18
1867	367	186	181	53	58	7	22	8	35	10	7	14	14	5	6	6	11	6	19	27	11	13	14	20	20	9	2	6	9	9	11	‡14					32
1868	395	181	211	60	68	18	18	10	10	10	1	24	8	4	13	13	12	12	18	27	21	10	20	33	24	6	8	9	12	9	15	7	§6				17
1869	373	193	180	61	62	13	7	8	12	9	4	18	8	8	10	6	15	6	13	14	12	17	17	47	25	11	8	10	6	15	17	9	4				24
1870	409	228	181	79	72	11	19	12	13	12	5	18	10	9	15	9	7	15	10	27	12	10	28	45	30	5	5	5	9	3	18	13	14	..			20
1871	313	168	145	49	55	11	15	5	8	7	2	15	3	10	9	9	5	6	9	17	14	17	16	33	29	5	8	5	10	8	12	6	2				17
1872	369	201	168	69	54	16	8	4	14	4	4	15	7	1	9	8	7	6	16	20	13	13	19	42	23	4	6	6	11	19	16	15	3	19			28
1873	364	210	154	69	50	12	10	10	12	11	5	18	12	5	9	9	6	6	10	22	9	13	23	48	13	4	11	3	8	6	11	14	10	11			23
1874	461	235	226	78	91	25	10	8	12	4	3	19	10	6	8	8	13	7	12	17	17	22	35	68	20	12	14	14	15	27	17	15	5	15			
1875	419	209	210	70	75	18	15	11	13	8	8	11	7	4	7	5	8	10	9	8	7	11	28	74	32	4	13	23	15	6	21	15	13	15		..	
1876	761	392	369	140	136	32	21	11	16	17	10	26	19	15	28	16	11	10	27	45	15	22	39	51	48	7	17	18	44	24	22	32	8	61	¶19	°30	
1877	542	277	265	96	106	27	21	10	12	5	4	28	12	6	11	5	11	12	14	26	10	13	24	46	32	12	16	23	13	22	11	15	24	33	14	31	
1878	404	198	206	75	89	20	15	6	8	5	6	20	6	3	6	8	4	8	10	21	6	15	20	25	33	6	7	16	23	20	29	6	7	13	10	22	
1879	344	182	162	45	54	17	10	4	5	4	2	9	13	6	6	5	11	10	9	19	12	9	12	23	21	5	12	16	21	18	18	6	9	12	6	14	

* New Ward (25th) formed, formerly part of Nineteenth and Twenty-third Wards.
† New Ward (26th) formed, formerly part of First Ward.
‡ New Ward (27th) formed, formerly part of Twenty-fourth Ward.
§ New Ward (28th) formed, formerly part of Twenty-second Ward.
‖ New Ward (29th) formed, formerly part of Twentieth Ward.
¶ New Ward (30th) formed, formerly part of Twenty-sixth Ward.
° New Ward (31st) formed, formerly part of Nineteenth Ward.

Digitized by Google

TABLE XXII.

The following table shows the number of deaths from typhoid fever in each of the past nineteen years, from 1861 to 1879, inclusive, in each division of age, with the adults, and miners, and total.

Years.	AGES.																		
	Under 1 year.	1	2	5	10	15	20	30	40	50	60	70	80	90	100	110	Adults.	Miners.	Total.
		2	5	10	15	20	30	40	50	60	70	80	90	100	110	120			
1861	1	4	23	25	8	37	88	30	36	14	10	5					183	98	281
1862	2	7	36	31	18	90	255	90	59	34	19	10	2	1			470	184	654
1863	1	7	27	33	27	50	147	87	44	30	19	11	3				341	145	486
1864	3	9	24	49	32	104	170	119	64	34	24	11	4	1			427	221	648
1865	10	7	33	38	35	82	210	120	96	75	49	13	5				568	205	773
1866		6	23	25	35	37	75	69	42	23	30	11	4	1			255	126	381
1867	4	7	18	25	19	38	88	47	39	33	32	11	5	1			256	111	367
1868	1	8	22	25	25	47	87	67	38	26	27	19	3				267	128	395
1869	3	5	15	28	32	40	119	44	27	24	21	10	5				250	123	373
1870	6	8	22	22	33	60	105	59	37	28	23	5	1				258	151	409
1871	2	3	18	24	25	32	97	42	27	19	14	7	2	1			209	104	313
1872	6	3	15	23	28	48	97	60	35	26	18	9	1				246	123	369
1873		6	14	21	26	52	109	54	33	19	14	16					245	119	364
1874	5	3	16	33	36	76	112	55	40	26	18	10	1				292	169	461
1875	7	2	20	38	20	58	120	51	38	35	20	10	5				274	145	419
1876	3	10	30	36	49	148	224	92	55	50	37	23	4				485	276	761
1877		5	22	40	39	96	142	72	43	41	23	17	2				340	202	542
1878	2	8	21	32	38	63	103	46	34	24	25	5	3				240	164	404
1879	3	5	20	21	24	26	103	47	36	27	19	10	2	1			245	99	344
Totals	59	113	419	569	549	1,164	2,481	1,251	818	588	442	213	52	6			5,851	2,893	8,744

Digitized by Google

TABLE XXIII.—*Mortality in each month, ages, &c.*

1879. Months.	AGES.																All ages.
	Under 1 year.	1	2	5	10	15	20	30	40	50	60	70	80	90	100	110	
		2	5	10	15	20	30	40	50	60	70	80	90	100	110	120	
January	247	119	141	75	30	53	154	180	138	162	149	138	89	18	5		1,748
February	227	92	100	48	32	30	146	143	106	113	130	116	66	13		1	1,363
March	272	90	131	41	27	36	146	136	124	113	146	124	73	7	2		1,468
Total first quarter....	796	301	372	164	89	119	446	459	368	388	425	378	228	38	7	1	4,579
April	240	73	90	37	20	24	146	123	109	106	106	107	55	13		1	1,250
May	222	59	56	31	24	36	102	117	100	72	98	90	40	4		1	1,052
June	216	73	64	44	24	33	100	113	86	87	67	64	37	5	3		1,006
Total second quarter.	678	205	210	112	68	93	348	343	295	265	271	261	132	22	3	2	3,308
July	717	155	89	36	17	46	126	151	114	145	114	112	48	14	1		1,885
August	500	132	44	32	13	33	118	112	89	79	80	67	43	3			1,345
September	283	64	51	27	17	33	111	122	82	103	97	65	34	9	1		1,099
Total third quarter...	1,500	351	184	95	47	112	355	385	285	327	291	244	125	26	2		4329
October	211	68	60	42	26	32	142	121	119	105	93	87	47	5	1		1 159
November	157	56	71	42	19	31	110	120	99	89	94	90	33	5			1,016
December	163	53	88	43	18	20	122	108	107	101	103	87	59	9	1	..	1,082
Total fourth quarter.	531	177	219	127	63	83	374	349	325	295	290	264	139	19	2		3,257
Totals for the year...	3,505	1,034	985	498	267	407	1,523	1,536	1,273	1,275	1,277	1,147	624	105	14	3	15,473

Digitized by Google

TABLE XXIV.

The following Table exhibits a General Summary of Deaths, Male and Female, from Consumption, for the past eighteen years.

Years.	Jan'y.		Feb'y.		March.		April.		May.		June.		July.		Aug.		Sept'r.		Oct'r.		Nov'r.		Dec'r.		Totals.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
1862	93	91	93	85	77	102	98	70	99	127	68	57	68	76	77	68	46	71	92	85	55	84	92	72	1,949
1863	90	74	77	87	75	85	104	105	79	67	61	60	86	85	75	80	77	79	62	88	85	77	95	102	1,955
1864	95	94	97	68	111	119	144	32	124	106	78	75	67	53	83	85	70	69	89	74	83	70	96	107	2,089
1865	96	75	113	83	115	125	80	96	81	79	89	90	84	63	64	83	64	57	62	65	87	111	85	79	2,026
1866	110	107	88	90	86	80	66	79	108	83	82	71	50	66	92	89	63	65	106	79	65	73	78	68	1,944
1867	113	111	87	82	97	96	73	86	107	109	65	67	76	97	51	53	59	68	83	91	62	73	69	72	1,947
1868	110	104	90	91	96	74	130	119	78	71	86	76	64	66	61	85	58	82	70	65	70	78	87	84	1,995
1869	86	80	86	99	106	109	107	80	77	67	79	90	73	71	80	91	59	64	73	59	82	84	74	99	1,975
1870	89	111	102	95	129	134	112	94	126	122	78	78	73	106	77	100	64	71	72	81	103	111	93	87	2,308
1871	84	90	104	101	110	119	94	113	85	103	89	58	90	78	81	123	97	74	82	99	69	80	84	101	2,237
1872	128	118	106	103	95	113	124	107	113	122	80	83	98	98	85	85	80	73	98	108	87	82	73	71	2,330
1873	104	123	127	116	138	120	90	85	95	90	78	103	92	103	55	87	73	77	96	124	86	98	59	72	2,291
1874	112	109	80	106	156	128	115	118	75	97	65	77	96	83	69	84	58	71	99	100	83	91	125	107	2,304
1875	94	86	116	89	136	130	119	109	98	111	97	83	62	99	82	109	87	73	93	104	92	84	109	112	2,359
1876	97	122	105	113	179	149	119	97	115	137	85	110	80	85	80	93	91	127	124	123	96	123	114	109	2,676
1877	114	126	99	93	95	107	113	112	130	121	87	82	86	94	78	78	73	94	88	93	77	99	102	108	2,349
1878	120	138	96	106	99	126	107	101	117	125	87	105	65	106	101	103	81	101	95	124	98	105	88	97	2,491
1879	137	152	110	101	132	121	117	113	96	82	85	75	101	116	88	90	88	91	97	122	93	93	90	102	2,471

Digitized by Google

TABLE XXV.

Deaths in each year from Small-pox, from 1807 to 1879 inclusive, with the average population of each year and deaths to every 1,000 persons living.

Years.	Deaths.	Deaths to 1,000 living persons.	Years.	Deaths.	Deaths to 1,000 living persons.
1807	32	.28	1846	251	.61
1808	145	1.28	1847	9	.02
1809	101	.90	1848	100	.24
1810	34	.30	1849	152	.37
1811	117	1.04	1850	40	.09
1812			1851	216	.52
1813			1852	427	1.04
1814			1853	57	.13
1815			1854	40	.09
1816	97	.77	1855	275	.67
1817	52	.30	1856	390	.68
1818	8	.05	1857	65	.11
1819	1		1858	7	.01
1820			1859	2	.003
1821			1860	57	.10
1822			1861	758	1.34
1823	160	1.16	1862	264	.46
1824	325	2 37	1863	171	.30
1825	6	.04	1864	260	.45
1826	3	.01	1865	524	.92
1827	100	.52	1866	144	.21
1828	107	.56	1867	48	.07
1829	81	.42	1868	48	.07
1830	86	.45	1869	6	.008
1831	14	.07	1870	9	.01
1832	37	.19	1871	1,879	2 78
1833	156	.82	1872	2,585	3.83
1834	195	1.03	1873	39	.05
1835	101	.53	1874	15	.02
1836	86	.33	1875	54	.08
1837	79	.34	1876	407	.45
1838	42	.16	1877	155	.17
1839	5	.01	1878		
1840	63	.24	1879	6	.006
1841	259	1.00			
1842	156	.60			
1843	36	.13			
1844	17	.06			
1845	190	.73			

Pop. 111,210. Pop. 137,097. Pop. 188,797. Pop. 258,037. Pop. 408,762. Pop. 565,529. Pop. 674,022. Estimated 901,380.

Digitized by Google

TABLE XXVI.

Total deaths from Fevers each week during the year 1879.

Weeks ending 1879.	Bilious.	Catarrhal.	Congestive.	Intermittent.	Malarial.	Nervous.	Puerperal.	Remittent.	Rheumatic	Scarlet.	Typhoid.	Typhus.	Urothral.	Yellow.
January 4							2			9	3			
" 11										11	8			
" 18							3	2		6	9			
" 25					1		1			6	11			
February 1		1								13	9			
" 8						1				9	2			
" 15		1					3			9	5			
" 22							2			7	10			
March 1					1		3	1		9	8			
" 8	1									10	7			
" 15										12	6			
" 22										12	4			
" 29							1			10	10			
April 5		1					1			10	5			
" 12							3			13	7			
" 19							4			12	11			
" 26										8	6			
May 3							3			8	1			
" 10										9	8			
" 17								1		5	6			
" 24				1			1			7	6			
" 31							1			6	7			
June 7					1					9	10			
" 14				1	1					12	8			
" 21								1		3	2			
" 28	1									7	2			
July 5		1					1			8	5			
" 12							3			10	6			
" 19										3	1			
" 26								1		6	4			
August 2				1				3		4	8			
" 9							2	1		7	8			
" 16								1		5	5			
" 23										2	10			
" 30				1			1	1		2	7			1
September 6							1	2		5	10		1	
" 13										2	8			
" 20				2				1		3	3			
" 27										2	7			
October 4								1		5	5			
" 11					1				1	2	10			1
" 18										2	6			
" 25				1	1		1			3	3			
November 1					1			1		2	7			
" 8		1						1		2	6			
" 15				1						1	7			
" 22							1		1	9	13			
" 29							1	2		5	5			
December 6								2		6	7			
" 13							1			2	7	1		
" 20			1				1			3	6			
" 27										3	9			

Digitized by Google

TABLE XXVII.

Total weekly deaths (still-born excluded), with Meteorological Observations, &c.

Weeks ending 1879.	Total weekly deaths (still-births excluded.	THERMOMETER.	THERMOMETER.			HUMIDITY.	Rain, inches.
		Mean.	Max.	Min.	Mean.	Mean.	
January 4.....	313	23.0	41	—3	30.27	67.3	.22
" 11.....	359	27.8	46	16	30.14	74.4	1.55
" 18.....	361	30.4	44	14	30.12	77.6	.99
" 25.....	324	32.0	55	12	29.99	72.1	
February 1.....	391	35.1	56	15	30 10	67.4	.01
" 8.....	353	32.0	42	12	30.00	72.2	.21
" 15.....	349	30.9	52	8	30.13	64.0	.53
" 22.....	353	27.3	37	15	30.15	77 0	.19
March 1.....	308	30.5	60	11	30.17	71.7	.25
" 8.....	311	37.9	50	25	30 39	69 5	.15
" 15.....	284	47.6	69	32	30.03	64.0	.22
" 22.....	278	38 6	53	26	30.09	72.5	.82
" 29.....	309	41.9	58	28	30.02	75.3	1.06
April 5.....	286	38.5	56	25	29.67	59.5	.06
" 12.....	286	45.1	66	28	29.94	62.8	1.50
" 19.....	334	46.9	62	36	29.77	75.6	.99
" 26.....	311	58.1	80	40	30.18	48.9	.05
May 3.....	319	56.2	70	42	29.97	63.1	1.64
" 10.....	296	58.8	75	46	30.15	54 5	.09
" 17.....	264	66.6	82	45	30.09	75.5	.62
" 24.....	261	65.0	82	47	30.05	69.6	.34
" 31.....	231	68.9	91	50	30.08	64.0	.17
June 7.....	274	71.0	93	49	29.97	71.2	4.26
" 14.....	239	72.2	87	55	29.93	65.7	1.36
" 21.....	240	68.2	88	54	30.01	65.8	.22
" 28.....	253	75.3	91	60	30.03	72.1	.75
July 5.....	305	74.6	93	61	30.05	61.8	.18
" 12.....	425	74 4	87	61	29 88	65.6	1.17
" 19.....	421	77.1	96	63	29.97	55.5	
" 26.....	405	73.4	89	61	29.99	74.4	2.42
August 2.....	329	78.8	91	71	30.03	72.9	.03
" 9.....	391	76.3	93	62	29.89	69.1	.83
" 16.....	346	72.2	86	55	30.01	69.2	1.43
" 23.....	294	72.1	86	57	29.95	79.9	4.59
" 30.....	314	68.3	84	56	29.94	76.2	.28
September 6.....	345	72.4	86	67	29.98	72 9	08
" 13.....	232	65.5	85	53	30.13	67.5	.73
" 20.....	269	63.6	75	53	30.11	67.4	.12
" 27.....	253	57.7	73	43	30.25	69.8	.17
October 4.....	232	67.6	87	51	30.23	73.1	.02
" 11.....	226	68.5	84	56	30.21	77.6	.01
" 18.....	228	70.0	84	56	30.13	69.0	
" 25.....	248	52.8	72	32	30.26	64.2	.35
November 1.....	225	47.3	62	32	30.09	54 8	.05
" 8.....	237	39.6	60	26	30.28	67.0	.54
" 15.....	287	61 4	75	48	30.04	73.8	.10
" 22.....	254	37.6	61	19	30.04	70.5	.40
" 29.....	238	42.8	63	28	30.19	66.5	.34
December 6.....	265	45.1	61	26	30.23	72.8	.89
" 13.....	282	44.9	61	27	30.21	71.0	.45
" 20.....	261	36.3	49	27	30.11	77.5	1.37
" 27.....	274	29.4	49	11	30.22	78.8	1.94

Digitized by Google

TABLE XXVIII.

The following table will show the number of still-births returned for the year 1879, monthly and by wards.

Wards.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals.
First	7	4	11	6	2	4	7	6	2	6	1	2	58
Second	4	1	4		5	2	1		1	1	1	5	25
Third	7	2	1	3	3	1	2	2		2	2		25
Fourth	3	3	1	3	4	2	2	1	1	3	1	3	27
Fifth	3	3	2	3	1	1	7	4	1	3	3	2	33
Sixth	2			1	1	1					1	2	8
Seventh	2	5	9	4	3	2	3	1	3	3		3	38
Eighth	1	2	2		1	1	3	1		4	1	2	18
Ninth	1	3		2			1	1	1			3	12
Tenth	3	1	2	2	4	3	3	3	1	2	3		27
Eleventh		2	3	2	1		6	2		1		1	18
Twelfth				1		1	1		1	1		1	6
Thirteenth	3	2	1					2	1		1	2	12
Fourteenth	4	2	2	2	3		3	1	1	4	1	3	26
Fifteenth	3	3	3	6	3	4	3	6	3	4	4	2	44
Sixteenth	1	5	2		2		1	1			1	1	14
Seventeenth	6	3		1	3	3	1	2	2	1	2	1	25
Eighteenth	4		3	1	1	4	4	2	2	3		3	27
Nineteenth	4	3	11	4	2	8	7	3	2	4		8	51
Twentieth	3	6	5	3	1	3	5	2	3	6	3	5	45
Twenty-first		1	1		1	2	2		1	2	1	2	13
Twenty-second		1	4		1	1	3	4	1	2	1	3	21
Twenty-third	2	1	1	1		1	2		2	2	1	1	14
Twenty-fourth	1	2	5	2	2	4	2	3	1	4	1	2	29
Twenty-fifth	2	2	2	3	3	2	5	1	3	1	5	3	32
Twenty-sixth	4	9	5	3	4	1	5	3		1	2	2	39
Twenty-seventh	2	3		1		1	2		2				11
Twenty-eighth	1	4	2	3	4	1	5	2	1	2	3	1	29
Twenty ninth	2	4	3	6	2	2	3	3	3	4	3	1	36
Thirtieth	5	2	3		1	3	3	2	2	4	2	1	28
Thirty-first	3	1	2	1	1			3	1	2	1	3	18
Totals	83	80	90	64	59	53	92	61	42	72	45	68	809

PREMATURE BIRTHS.—The number of premature births returned for the year was one hundred and ninety (190).

Digitized by Google

Digitized by Google

Digitized by Google

TABLE XXIX.

The following table will show the heavy rains from 1859 to 1879, inclusive. Observation taken and furnished by James A. Kirkpatrick, at residence 2014 Vine Street.

Date.			Quantity in inches.	Duration of rain.	Rate per hour in inches.	Remarks.
Year.	Month.	Days.				
1859..	September...	16 & 17	4.00	In about 45 hours		
1860..	August.....	13	4.00	" 3¼ "	1.40 in 1 hour.	
	November ...	3	3 00	" 11 "		
1862..	September....	11 & 12	5.40	" 22 "		
	November ...	18 & 21	2.65	" 96 "		
1863..	May	5	3.33	" 24 "		
1864..	May	26	4 82	" 20 "		
1865..	May	21	2.75	" 15 "		
	September...	4	2.22	" 1½ "	1.97 in less than 1 hour.	
	November....	20 & 21	2.53	" 24 "		
1867..	June	16	3.94	" 8 "		
	August.....	14	4.30	" 14 "		
	August.....	14 & 15	2.76	" 16 "		
	August.....	7 & 8	3.00	" 8 "		
1868..	September...	3 & 4	2.75	" 26 "		
1869..	October.....	3 & 4	3.95	" 34 "	0.70 in 1 hour.	
1872	July.....	4	2.55	" 3¼ "		
	October	24 & 26	4 05	" 54 "		
1873..	August.....	12 & 14	5.38	" 37 "		
	October	19 & 20	3.08	" 24 "		
1874..	January.....	4 & 7	3.05	" 96 "		
	September...	15 & 17	2.76	" 45 "		
1876..	March.....	24 & 25	2.66	" 24 "		
	September...	16 & 17	2.65	" 27 "		
1877..	October.....	4	4.40	" 9 "	0.50 in 1 hour.	
1878..	August	1	1.56	" ⅔ "	2.08 " "	The heaviest rain noted in 20 years.
1879..	July...	24	1.10	" 2 "		
	August	17 & 18	3.12	" 25¼ "		

Digitized by Google

TABLE XXX.

The annual mean temperature in Philadelphia from 1800 to 1879, inclusive, with the annual amount of rain and snow, in inches, from 1826 to 1879.

Years.	Mean annual temperature.	Rain in inches.	Years.	Mean annual temperature.	Rain in inches.
1800	51.50		1840	52.25	47.50
1801	52.00		1841	51.50	55.50
1802	53.50		1842	52.75	47.50
1803	52.00		1843	51.50	46.25
1804	51.00		1844	53.00	39.00
1805	51.50		1845	54.00	40.25
1806	51.50		1846	54.00	44.87
1807	52 00		1847	53.86	45.09
1808	52.00		1848	54.80	35.00
1809	51.00		1849	53.10	42.09
1810	51.00		1850	54.00	54.54
1811	52.00		1851	54.04	35.50
1812	51.00		1852	54.04	46.20
1813	50.50		1853	55.44	42.96
1814	51.00		1854	55.38	45.23
1815	51.25		1855	54.53	41.65
*1816	49.00		1856	51.92	33.52
1817	52.50		1857	53.48	48.45
1818	53.00		1858	55.20	41.06
1819	51.00		1859	54.49	54 75
1820	51.75		1860	54.12	45.40
1821	51.50		1861	54.71	46.41
1822	53.00		1862	53.58	45.66
1823	53.50		1863	54.13	49.64
1824	53.75		1864	54.60	46.73
1825	54.00	29.30	1865	55.77	53 64
1826	53.00	40.00	1866	54.90	43.57
1827	50.00	39.50	1867	53.41	62.93
1828	54.00	38.50	1868	52.83	50.18
1829	53.00	42.00	1869	54.23	44.16
1830	52.50	44 75	1870	56.44	43.56
1831	53.00	41.00	1871	54.91	45.98
1832	51.00	39.25	1872	54.85	49.02
1833	52.50	48.38	†1873	51.4	54.62
1834	52 25	33.00	1874	52.6	46 31
1835	52.00	39.50	1875	50.3	40.24
1836	50.25	43.00	1876	52.6	47.39
1837	52.25	37.10	1877	54.2	37.36
1838	53.00	44.25	1878	54.7	34.53
1839	52.00	44.75	1879	53.6	36.75

* Ice in every month; the coldest year on record in the City; the year without a summer.

† From this year observations taken at U. S. Signal Office used in this department.

Digitized by Google

TABLE XXXI.

Recapitulation of returns to this Department for past nineteen years and six months.

Years.	Births.	Marriages.	Deaths.
1860 (6 months)	8,434	2,310	6,342
1861	17,271	4,417	14,468
1862	14,741	4,662	15,097
1863	15,293	5,474	15,788
1864	15,591	6,752	17,582
1865	15,428	6,864	17,169
1866	17,437	7,087	16,803
1867	17,007	6,084	13,933
1868	17,259	6,371	14,693
1869	16,960	6,382	14,786
1870	17,194	6,421	16,750
1871	18,346	6,806	16,993
1872	20,072	6,496	20,544
1873	18,702	7,891	16,736
1874	19,387	6,639	16,315
1875	17,933	6,144	18,909
1876	18,695	5,341	18,892
1877	18,279	6,147	16,004
1878	18,346	6,247	15,743
1879	18,449	5,224	15,473
Totals	340,824	119,759	*319,020

* Includes still-born, premature births, and deaths from other localities, with the exception of years since 1875.

The above statement shows a complete summary of all returns of births, marriages, and deaths, made to the Department since the law commenced operation, July 1, 1860.

Respectfully submitted,

JOHN E. ADDICKS,

Health Officer.

Attest:

GEORGE E. CHAMBERS,

Registrar.

Digitized by Google

Digitized by Google

VACCINE PHYSICIANS.

First District.—Comprising the First Ward, and that portion of the Twenty-sixth Ward east of Broad Street.

DR. A. P. BLOMER, - - - - - - - - No. 301 Dickinson Street.

Second District.—Comprising the Second, Third, and Fourth Wards.

DR. H. F. BAXTER, - - - - - - - - No. 242 Catharine Street.

Third District.—Comprising the Thirtieth Ward, and that portion of the Twenty-sixth Ward west of Broad Street.

DR. T. C. RICH, - - - - - - - - No. 622 S. Sixteenth Street.

Fourth District.—Comprising the Fifth Ward, and that portion of the Seventh and Eighth Wards east of Broad Street.

DR. PERCIVAL E. LODER, - - - - - - - No. 517 S. Eighth Street.

Fifth District.—Comprising the Seventh and Eighth Wards, west of Broad Street.

DR. A. H. WEIR, - - - - - - - - No. 130 S. Fifteenth Street.

Sixth District.—Comprising the Sixth Ward, and that portion of the Ninth and Tenth Wards east of Broad Street.

DR. C. A. GROFF, - - - - - - - No. 215 N. Thirteenth Street.

Seventh District.—Comprising that portion of the Ninth and Tenth Wards west of Broad Street.

DR. W. H. BAKER, - - - - - - - - No. 1610 Summer Street.

Eighth District.—Comprising the Eleventh, Twelfth, and Thirteenth Wards.

DR. W. F. WAUGH, - - - - - - - - No. 878 N. Sixth Street.

Ninth District.—Comprising the Fourteenth and Fifteenth Wards.

DR. J. IVISON, - - - - - - - No. 2225 Spring Garden Street.

Tenth District.—Comprising the Sixteenth, Seventeenth, and Twentieth Wards.

DR. S. N. TROTH, - - - - - - - - No. 1335 Franklin Street.

Eleventh District.—Comprising the Twenty-eighth and Twenty-ninth Wards.

DR. A. GRAYDON, - - - - - - - No. 1605 N. Seventeenth Street.

Twelfth District.—Comprising the Eighteenth and Nineteenth Wards.

DR. J. L. RIHL, - - - - - - - No. 2009 Frankford Avenue.

Thirteenth District.—Comprising the Thirty-first Ward.

DR. THOMAS SHRINER, - - - - - - No. 2204 Frankford Avenue.

Fourteenth District.—Comprising the Twenty-third Ward and Bridesburg.

DR. W. EKWURZEL, - - - - - - - No. 4629 Frankford Avenue.

Fifteenth District.—Comprising the Twenty fifth Ward, except Bridesburg.

DR. J. H. EVANS, - - - - - - Corner of Sixth Street and Venango.

Sixteenth District.—Comprising the Twenty-first Ward.

DR. W. C. TODD, - - - - - - - No. 4407 Main Street, Manayunk.

Seventeenth District.—Comprising the Twenty-fourth and Twenty-seventh Wards.

DR. HENRY MULLEN, - - - - - - - No. 100 N. Fortieth Street.

Eighteenth District.—Comprising the Twenty-second Ward.

DR. R. W. DEAVER, - - - - - - No. 5075 Germantown Avenue.

Digitized by Google

Digitized by Google

Digitized by Google

Digitized by Google